

EXHIBIT 1

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-----------------------|-----------------------|--|---------------------|
| PTX0001 | 11/18/2004 4:11 | GOOG-DOJ-02122988 | GOOG-DOJ-02122990 | Email from Jonathan Rosenberg to Google employee | Highly Confidential |
| PTX0002 | 5/9/2005 18:06 | GOOG-DOJ-01861190 | GOOG-DOJ-01861195 | Email from Gokul Rajaram to Salar Kamangar et al. | Highly Confidential |
| PTX0003 | 6/4/2005 1:59 | GOOG-DOJ-02124439 | GOOG-DOJ-02124441 | Email from David Thacker to Salar Kamangar et al. | Highly Confidential |
| PTX0004 | 12/15/2005 19:28 | GOOG-DOJ-01865681 | GOOG-DOJ-01865684 | Email from Rohit Dhawan to David Thacker et al. | Highly Confidential |
| PTX0005 | 3/7/2006 1:14 | GOOG-DOJ-02106751 | GOOG-DOJ-02106752 | Email from Gokul Rajaram to Susan Wojcicki et al. | Highly Confidential |
| PTX0006 | 3/14/2006 6:36 | GOOG-DOJ-02126668 | GOOG-DOJ-02126672 | Email from Susan Wojcicki to Gokul Rajaram | Highly Confidential |
| PTX0007 | 7/4/2006 7:11 | GOOG-DOJ-02127977 | GOOG-DOJ-02127983 | Email from Gokul Rajaram to Francoise Brougher et al. | Highly Confidential |
| PTX0008 | 7/11/2006 6:19 | GOOG-DOJ-02107183 | GOOG-DOJ-02107187 | Email from Gokul Rajaram to Susan Wojcicki et al. | Highly Confidential |
| PTX0009 | 9/22/2006 6:56 | GOOG-DOJ-02107527 | GOOG-DOJ-02107529 | Email from Gokul Rajaram to Susan Wojcicki | Highly Confidential |
| PTX0010 | 11/16/2006 6:31 | GOOG-DOJ-02129384 | GOOG-DOJ-02129385 | Email from Susan Wojcicki to Gokul Rajaram et al. | Highly Confidential |
| PTX0011 | 11/30/2006 2:53 | GOOG-DOJ-01269184 | GOOG-DOJ-01269185 | Email from Bhavesh Mehta to Alan Eustace et al. | Highly Confidential |
| PTX0012 | 3/15/2007 0:00 | GOOG-DOJ-01657645 | GOOG-DOJ-01657686 | DoubleClick presentation | Highly Confidential |
| PTX0013 | 3/15/2007 0:00 | GOOG-DOJ-01657697 | GOOG-DOJ-01657903 | DoubleClick presentation | Highly Confidential |
| PTX0014 | 3/16/2007 18:48 | GOOG-DOJ-13010240 | GOOG-DOJ-13010284 | Email from Jason Harinstein to Alex Kinnier et al., with attachment | Highly Confidential |
| PTX0015 | 3/23/2007 21:55 | GOOG-DOJ-01823990 | GOOG-DOJ-01823992 | Email from David Drummond to google_bod@google.com et al., with attachment | Highly Confidential |
| PTX0016 | 4/9/2007 18:47 | GOOG-DOJ-00003227 | GOOG-DOJ-00003227 | Email from Salman Ullah to emg@google.com et al. | Confidential |
| PTX0017 | 4/10/2007 1:18 | GOOG-DOJ-02130647 | GOOG-DOJ-02130648 | Email from Rohit Dhawan to Gokul Rajaram et al. | Highly Confidential |
| PTX0018 | 7/30/2007 21:54 | GOOG-DOJ-06615448 | GOOG-DOJ-06615502 | Google document | Highly Confidential |
| PTX0019 | 10/25/2007 0:00 | GOOG-DOJ-01657206 | GOOG-DOJ-01657246 | Google/DoubleClick submission | Highly Confidential |
| PTX0020 | 1/25/2008 6:12 | GOOG-DOJ-01827663 | GOOG-DOJ-01827680 | Email from Nick Fox to Joerg Heilig et al. | Highly Confidential |
| PTX0021 | 5/16/2008 21:26 | GOOG-DOJ-01709787 | GOOG-DOJ-01709792 | Email from Andrew Poon to Scott Spencer et al., with attachments | Highly Confidential |
| PTX0022 | 5/19/2008 21:32 | GOOG-DOJ-01718725 | GOOG-DOJ-01718726 | Email from Eileen Naughton to Google employees, with attachment | Highly Confidential |
| PTX0023 | 5/23/2008 21:39 | GOOG-DOJ-03517095 | GOOG-DOJ-03517096 | Email from Mark Evans to Brian Axe et al. | Highly Confidential |
| PTX0024 | 5/29/2008 14:01 | GOOG-DOJ-02731591 | GOOG-DOJ-02731593 | Email from Mary Lambert to Jim Kolotouros | Highly Confidential |
| PTX0025 | 5/29/2008 19:23 | GOOG-DOJ-01313044 | GOOG-DOJ-01313048 | Email from Mark Evans to Mark Evans et al., with attachment | Highly Confidential |
| PTX0026 | 5/30/2008 10:43 | GOOG-DOJ-01313065 | GOOG-DOJ-01313069 | Email from Brad Bender to Mark Evans et al. | Highly Confidential |
| PTX0027 | 7/10/2008 15:50 | GOOG-DOJ-02110669 | GOOG-DOJ-02110671 | Email from Scott Spencer to Neal Mohan et al. | Highly Confidential |
| PTX0028 | 7/11/2008 19:43 | GOOG-DOJ-03482813 | GOOG-DOJ-03482840 | Google presentation | Highly Confidential |
| PTX0029 | 7/17/2008 2:15 | GOOG-DOJ-02110784 | GOOG-DOJ-02110786 | Email from Scott Spencer to Susan Wojcicki et al. | Highly Confidential |
| PTX0030 | 7/18/2008 13:48 | GOOG-DOJ-02133677 | GOOG-DOJ-02133681 | Email from Scott Spencer to Susan Wojcicki et al. | Highly Confidential |
| PTX0031 | 7/25/2008 13:47 | GOOG-DOJ-02133757 | GOOG-DOJ-02133759 | Email from Brian Axe to Susan Wojcicki et al. | Highly Confidential |
| PTX0032 | 9/3/2008 17:45 | GOOG-DOJ-02133916 | GOOG-DOJ-02133917 | Email from Joan Braddi to Neal Mohan et al. | Highly Confidential |
| PTX0033 | 9/3/2008 19:17 | GOOG-DOJ-02133918 | GOOG-DOJ-02133919 | Email from Neal Mohan to Joan Braddi et al. | Highly Confidential |
| PTX0034 | 9/6/2008 6:19 | GOOG-DOJ-01748391 | GOOG-DOJ-01748394 | Email from Shilpa Anand to Neal Mohan et al., with attachments | Highly Confidential |
| PTX0035 | 1/8/2009 8:34 | GOOG-AT-MDL-009596409 | GOOG-AT-MDL-009596409 | Email from Neal Mohan to David Rosenblatt | Confidential |
| PTX0036 | 1/31/2009 20:37 | GOOG-AT-MDL-009597305 | GOOG-AT-MDL-009597305 | Email from Neal Mohan to Jens Skakkebaek et al. | Confidential |
| PTX0037 | 2/2/2009 20:38 | GOOG-DOJ-02160742 | GOOG-DOJ-02160750 | Email from Prashant C. Fuloria to Monica Gnanadev et al. | Highly Confidential |
| PTX0038 | 2/11/2009 14:23 | GOOG-DOJ-01439665 | GOOG-DOJ-01439675 | Email from Rob Jonas to partnerships-mg, with attachment | Highly Confidential |
| PTX0039 | 2/13/2009 20:47 | GOOG-AT-MDL-009597716 | GOOG-AT-MDL-009597720 | Email from Neal Mohan to David Rosenblatt | Confidential |
| PTX0040 | 2/26/2009 5:38 | GOOG-AT-MDL-009598319 | GOOG-AT-MDL-009598320 | Email from Neal Mohan to David Rosenblatt | Confidential |
| PTX0041 | 3/23/2009 18:17 | GOOG-DOJ-02148005 | GOOG-DOJ-02148007 | Email from Neal Mohan to Nikesh Arora et al. | Highly Confidential |

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|----------------------|------------------|-----------------------|-----------------------|---|---------------------|
| PTX0042 | 4/2/2009 0:09 | GOOG-DOJ-02111607 | GOOG-DOJ-02111608 | Email from Scott Spencer to Neal Mohan et al. | Highly Confidential |
| PTX0043 | 4/16/2009 3:12 | GOOG-AT-MDL-012386226 | GOOG-AT-MDL-012386236 | Email from Chris LaSala to Chris LaSala | Confidential |
| PTX0044 | 4/21/2009 5:15 | GOOG-AT-MDL-009398913 | GOOG-AT-MDL-009398915 | Email from Neal Mohan to Scott Spencer et al. | Confidential |
| PTX0045 | 6/23/2009 18:04 | GOOG-AT-MDL-009603915 | GOOG-AT-MDL-009603915 | Email from Neal Mohan to Henrique DE Castro | Confidential |
| PTX0046 | 6/25/2009 21:25 | GOOG-AT-MDL-012522095 | GOOG-AT-MDL-012522099 | Email from Neal Mohan to Jonathan Bellack et al. | Confidential |
| PTX0047 | 9/9/2009 0:00 | GOOG-AT-MDL-014602532 | GOOG-AT-MDL-014602543 | Email from Rahul Bafna to Scott Spencer, with attachment | Confidential |
| PTX0048 | 9/15/2009 0:00 | GOOG-AT-MDL-014602928 | GOOG-AT-MDL-014602949 | Email from Scott Spencer to Sarin Suvarna et al., with attachment | Confidential |
| PTX0049 | 10/7/2009 17:35 | GOOG-DOJ-12119445 | GOOG-DOJ-12119447 | Google document | Highly Confidential |
| PTX0050 | 2/22/2010 23:18 | GOOG-DOJ-02113222 | GOOG-DOJ-02113224 | Email from Rajas Moonka to Jason Miller et al. | Highly Confidential |
| PTX0051 | 4/6/2010 23:06 | GOOG-DOJ-02162723 | GOOG-DOJ-02162727 | Email from Jag Duggal to Google employee | Highly Confidential |
| PTX0052 | 5/12/2010 21:15 | GOOG-TEX-00099950 | GOOG-TEX-00099954 | Email from Jason Miller to Rajas Moonka et al. | Highly Confidential |
| PTX0053 | 5/13/2010 17:53 | GOOG-TEX-00099984 | GOOG-TEX-00100000 | Email from Cynthia Benin to Bruce Falck et al. | Highly Confidential |
| PTX0054 | 6/30/2010 20:47 | GOOG-TEX-00113007 | GOOG-TEX-00113022 | Email from Stephen Dove to Stephen Dove et al., with attachment | Highly Confidential |
| PTX0055 | 8/20/2010 3:51 | GOOG-AT-MDL-009618311 | GOOG-AT-MDL-009618312 | Email from Neal Mohan to Eric Rosenblum et al. | Confidential |
| PTX0056 | 8/23/2010 20:37 | GOOG-TEX-00101776 | GOOG-TEX-00101821 | Email from Kento Sugiura to Chris LaSala, with attachment | Highly Confidential |
| PTX0057 | 9/22/2010 19:28 | GOOG-TEX-00269169 | GOOG-TEX-00269170 | Email from Jonathan Bellack to Scott Spencer et al. | Highly Confidential |
| PTX0058 | 10/11/2010 21:28 | GOOG-TEX-00812799 | GOOG-TEX-00812804 | Email from Neal Mohan to Jason Harinstein | Highly Confidential |
| PTX0059 | 10/18/2010 19:53 | GOOG-AT-MDL-009620077 | GOOG-AT-MDL-009620077 | Email from Neal Mohan to Barry Salzman | Confidential |
| PTX0060 | 10/19/2010 3:17 | GOOG-TEX-00041486 | GOOG-TEX-00041492 | Email from Neal Mohan to Jonathan Bellack et al. | Highly Confidential |
| PTX0061 | 11/29/2010 15:53 | GOOG-TEX-00070498 | GOOG-TEX-00070501 | Email from Brad Bender to Adrian Corduneanu et al. | Highly Confidential |
| PTX0062 | 1/7/2011 18:15 | GOOG-DOJ-01322621 | GOOG-DOJ-01322629 | Email from Neal Mohan to Joerg Heilig | Highly Confidential |
| PTX0063 | 2/2/2011 18:10 | GOOG-DOJ-13245481 | GOOG-DOJ-13245488 | Email from Scott Spencer to Jonathan Bellack et al. | Highly Confidential |
| PTX0064 | 2/7/2011 17:16 | GOOG-DOJ-14826375 | GOOG-DOJ-14826378 | Email from Scott Spencer to Nemo Semret et al. | Highly Confidential |
| PTX0065 | 2/17/2011 18:31 | GOOG-DOJ-14826584 | GOOG-DOJ-14826604 | Email from Scott Spencer to Eyal Manor et al., with attachment | Highly Confidential |
| PTX0066 | 2/18/2011 0:07 | GOOG-DOJ-06573528 | GOOG-DOJ-06573530 | Email from monetization-pm@google.com on behalf of Zachary Goldbert to Google employees | Highly Confidential |
| PTX0067 | 2/18/2011 2:19 | GOOG-DOJ-05244824 | GOOG-DOJ-05244828 | Email from Zachary Goldberg to Jonathan Bellack et al. | Highly Confidential |
| PTX0068 | 2/18/2011 18:24 | GOOG-DOJ-03863678 | GOOG-DOJ-03863678 | Message containing comments to Google document | Highly Confidential |
| PTX0069 | 2/19/2011 16:13 | GOOG-DOJ-05244839 | GOOG-DOJ-05244842 | Email from Sean Downey to Brad Bender et al. | Highly Confidential |
| PTX0070 | 2/22/2011 15:32 | GOOG-TEX-00042179 | GOOG-TEX-00042194 | Email from Jonathan Bellack to Jag Duggal et al., with attachment | Highly Confidential |
| PTX0071 | 2/23/2011 1:40 | GOOG-DOJ-05244847 | GOOG-DOJ-05244851 | Email from Brad Bender to Jason Miller et al. | Highly Confidential |
| PTX0072 | 2/25/2011 20:01 | GOOG-DOJ-03599580 | GOOG-DOJ-03599645 | Email from Pooja Kapoor to multiple recipients, with attachments | Highly Confidential |
| PTX0073 | 2/28/2011 0:00 | GOOG-DOJ-13247747 | GOOG-DOJ-13247807 | Email from xfp-ym@google.com on behalf of Casey Saran to Arun Mathew et al. | Highly Confidential |
| PTX0074 | 3/2/2011 23:17 | GOOG-DOJ-03863784 | GOOG-DOJ-03863785 | Google document | Highly Confidential |
| PTX0075 | 3/10/2011 3:47 | GOOG-DOJ-03863839 | GOOG-DOJ-03863840 | Email from Scott Spencer to Chip Hall et al. | Highly Confidential |
| PTX0076 | 3/14/2011 2:21 | GOOG-AT-MDL-019036783 | GOOG-AT-MDL-019036785 | Google document | Confidential |
| PTX0077 | 4/1/2011 16:33 | GOOG-AT-MDL-004228528 | GOOG-AT-MDL-004228590 | Email from Zachary Goldberg to Luis Vilela et al., with attachment | Confidential |
| PTX0078 | 4/12/2011 19:21 | GOOG-AT-MDL-009593285 | GOOG-AT-MDL-009593287 | Email from Neal Mohan to Lourdes Canicosa et al. | Confidential |
| PTX0079 | 4/15/2011 0:00 | GOOG-DOJ-13252092 | GOOG-DOJ-13252114 | Email from Jonathan Bellack to Yang Zhang et al., with attachment | Highly Confidential |

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|----------------------|------------------|------------------------|------------------------|---|---------------------|
| PTX0080 | 4/27/2011 23:13 | GOOG-AT-MDL-004534545 | GOOG-AT-MDL-004534547 | Google document | Confidential |
| PTX0081 | 4/29/2011 21:05 | GOOG-DOJ-03864136 | GOOG-DOJ-03864140 | Email from Brad Bender to Jason Miller et al. | Highly Confidential |
| PTX0082 | 5/9/2011 14:21 | GOOG-DOJ-04294986 | GOOG-DOJ-04294995 | Email from Neal Mohan to Scott Spencer | Highly Confidential |
| PTX0083 | 5/27/2011 22:46 | GOOG-DOJ-03864499 | GOOG-DOJ-03864545 | Email from Jag Duggal to Brad Bender, with attachments | Highly Confidential |
| PTX0084 | 6/15/2011 16:34 | GOOG-DOJ-04295842 | GOOG-DOJ-04295842 | Email from Scott Spencer to Neal Mohan | Highly Confidential |
| PTX0085 | 6/16/2011 16:07 | GOOG-DOJ-13257712 | GOOG-DOJ-13257734 | Email from Jonathan Bellack to Laurent Cordier, with attachment | Highly Confidential |
| PTX0086 | 6/27/2011 15:21 | GOOG-DOJ-32035110 | GOOG-DOJ-32035113 | Email from Ariel Bardin to Neal Mohan et al. | Confidential |
| PTX0087 | 6/28/2011 16:35 | GOOG-AT-MDL-018616605 | GOOG-AT-MDL-018616605 | Google document | Confidential |
| PTX0088 | 7/18/2011 17:12 | GOOG-DOJ-02139596 | GOOG-DOJ-02139615 | Google document | Highly Confidential |
| PTX0089 | 8/6/2011 6:30 | GOOG-DOJ-02138228 | GOOG-DOJ-02138231 | Email from Scott Spencer to Jeff Huber et al., with attachments | Highly Confidential |
| PTX0090 | 9/2/2011 20:52 | GOOG-DOJ-01019408 | GOOG-DOJ-01019411 | Email from Jocelyn Lin to Nitin Khandelwal et al., with attachment | Highly Confidential |
| PTX0091 | 12/2/2011 0:00 | GOOG-DOJ-04145792 | GOOG-DOJ-04145813 | Email from as-tips@google.com on behalf of Gili Vaturi to Benjamin Le Roux et al., with attachment | Highly Confidential |
| PTX0092 | 12/14/2011 21:04 | GOOG-DOJ-29632965 | GOOG-DOJ-29632966 | Email from Aitan Weinberg to Neal Mohan et al. | Highly Confidential |
| PTX0093 | 12/15/2011 0:00 | GOOG-DOJ-03601148 | GOOG-DOJ-03601190 | Email from Alanna Clark to Pooja Kapoor et al., with attachment | Highly Confidential |
| PTX0094 | 2/10/2012 2:51 | GOOG-DOJ-15583409 | GOOG-DOJ-15583413 | Email from Drew Bradstock to Scott Spencer | Highly Confidential |
| PTX0095 | 2/24/2012 3:59 | GOOG-AT-MDL-014621288 | GOOG-AT-MDL-014621289 | Email from Scott Spencer to Jason Sigalos et al. | Confidential |
| PTX0096 | 2/27/2012 15:45 | GOOG-TEX-00815605 | GOOG-TEX-00815614 | Email from Bruck Falck to Joerg Heilig et al., with attachment | Highly Confidential |
| PTX0097 | 3/21/2012 1:59 | GOOG-DOJ-14237839 | GOOG-DOJ-14237856 | Email from Ritu Kathpalia to Scott Spencer et al., with attachment | Highly Confidential |
| PTX0098 | 4/26/2012 0:34 | GOOG-TEX-00043401 | GOOG-TEX-00043476 | Email from Adam Zika to partnerships-all@google.com et al., with attachment | Highly Confidential |
| PTX0099 | 5/17/2012 14:10 | GOOG-AT-MDL-017591289 | GOOG-AT-MDL-017591293 | Email from Drew Bradstock to Scott Spencer et al. | Highly Confidential |
| PTX0100 | 5/19/2012 2:43 | GOOG-AT-MDL-009762423 | GOOG-AT-MDL-009762429 | Email from Scott Spencer to Tom Jenen et al. | Confidential |
| PTX0101 | 6/8/2012 15:05 | GOOG-DOJ-14842648 | GOOG-DOJ-14842653 | Email from Jason Washing to Scott Spencer et al. | Highly Confidential |
| PTX0102 | 7/12/2012 23:26 | GOOG-DOJ-03603126 | GOOG-DOJ-03603154 | Email from mdev@google.com on behalf of Jason Kelly to Marketplace Development [mdev@google.com], with attachment | Highly Confidential |
| PTX0103 | 7/26/2012 21:39 | GOOG-DOJ-03870086 | GOOG-DOJ-03870087 | Email from Woojin Kim to Brad Bender | Highly Confidential |
| PTX0104 | 8/3/2012 11:50 | GOOG-DOJ-03603298 | GOOG-DOJ-03603300 | Google document | Highly Confidential |
| PTX0105 | 8/14/2012 22:53 | GOOG-DOJ-04401026 | GOOG-DOJ-04401030 | Google document | Highly Confidential |
| PTX0106 | 8/15/2012 7:47 | GOOG-TEX-00044353 | GOOG-TEX-00044356 | Google document | Highly Confidential |
| PTX0107 | 8/15/2012 16:15 | GOOG-TEX-00279425 | GOOG-TEX-00279432 | Email from Jennifer Schindler to Adam Klee et al., with attachment | Highly Confidential |
| PTX0108 | 8/15/2012 16:24 | GOOG-DOJ-03603452 | GOOG-DOJ-03603459 | Google document | Highly Confidential |
| PTX0109 | 8/15/2012 16:24 | GOOG-TEX-00714995 | GOOG-TEX-00715002 | Google document | Highly Confidential |
| PTX0110 | 8/20/2012 0:00 | GOOG-DOJ-05247075-0001 | GOOG-DOJ-05247153-0079 | Google document | Highly Confidential |
| PTX0111 | 8/22/2012 13:40 | GOOG-DOJ-15592420 | GOOG-DOJ-15592421 | Email from Sean Harvey to Scott Spencer, et al. | Highly Confidential |
| PTX0112 | 8/26/2012 0:59 | GOOG-DOJ-10590974 | GOOG-DOJ-10590998 | Google document | Highly Confidential |
| PTX0113 | 8/27/2012 1:23 | GOOG-DOJ-13283803 | GOOG-DOJ-13283805 | Google document | Highly Confidential |
| PTX0114 | 9/10/2012 16:52 | GOOG-TEX-00076049 | GOOG-TEX-00076050 | Email from Marc Theermann to Scott Spencer et al. | Highly Confidential |
| PTX0115 | 9/12/2012 7:13 | GOOG-TEX-00054421 | GOOG-TEX-00054424 | Google document | Highly Confidential |
| PTX0116 | 9/12/2012 19:53 | GOOG-TEX-00034461 | GOOG-TEX-00034463 | Email from Chris LaSala to Marc Theermann | Highly Confidential |
| PTX0117 | 10/18/2012 17:41 | GOOG-DOJ-06581350 | GOOG-DOJ-06581352 | Google document | Highly Confidential |

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|----------------------|------------------|-------------------------|-------------------------|--|---------------------|
| PTX0118 | 10/31/2012 20:31 | GOOG-AT-MDL-012478322 | GOOG-AT-MDL-012478324 | Email from Chris LaSala to Marc Theermann et al. | Confidential |
| PTX0119 | 11/27/2012 16:11 | GOOG-DOJ-15598151 | GOOG-DOJ-15598153 | Email from Stephanie Fournis to Scott Spencer et al. | Highly Confidential |
| PTX0120 | 11/27/2012 19:47 | GOOG-DOJ-03870862 | GOOG-DOJ-03870877 | Email from Tobias Maurer to Charlie Vestner et al., with attachment | Highly Confidential |
| PTX0121 | 12/10/2012 19:08 | GOOG-DOJ-11036977 | GOOG-DOJ-11036979 | Email from Sanjay Datta to Danielle Romain et al. | Highly Confidential |
| PTX0122 | 1/17/2013 17:04 | GOOG-DOJ-04528816 | GOOG-DOJ-04528817 | Email from pmg@google.com on behalf of Scott Sheffer to PBS Management Team (PMG) [pmg@google.com] | Highly Confidential |
| PTX0123 | 1/18/2013 0:00 | GOOG-AT-MDL-001274267 | GOOG-AT-MDL-001274290 | Email from Sergio Abreu to Luis Vilela, with attachment | Confidential |
| PTX0124 | 1/30/2013 2:30 | GOOG-DOJ-15600216 | GOOG-DOJ-15600218 | Email from Scott Spencer to Kick Zandbergen et al. | Highly Confidential |
| PTX0125 | 2/21/2013 18:45 | GOOG-DOJ-10940285 | GOOG-DOJ-10940286 | Email from Jennifer Schindler to Chris LaSala | Highly Confidential |
| PTX0126 | 3/4/2013 20:55 | GOOG-DOJ-14247892 | GOOG-DOJ-14247894 | Email from Scott Spencer to Adam Klee | Highly Confidential |
| PTX0127 | 3/14/2013 23:57 | GOOG-DOJ-03605185 | GOOG-DOJ-03605187 | Email from Scott Spencer to Laureline Serieys et al. | Highly Confidential |
| PTX0128 | 3/23/2013 1:16 | GOOG-TEX-00149044 | GOOG-TEX-00149048 | Email from Scott Spencer to Martin Pal et al. | Highly Confidential |
| PTX0129 | 3/26/2013 19:51 | GOOG-TEX-00149056 | GOOG-TEX-00149062 | Email from Scott Spencer to Reena Vokoun et al. | Highly Confidential |
| PTX0130 | 4/4/2013 23:06 | GOOG-AT-MDL-B-004428140 | GOOG-AT-MDL-B-004428140 | Message from Michael Schulman to Deepti Bhatnagar | Confidential |
| PTX0131 | 4/17/2013 18:07 | GOOG-DOJ-03872448 | GOOG-DOJ-03872450 | Google document | Highly Confidential |
| PTX0132 | 4/17/2013 18:07 | GOOG-DOJ-13295787 | GOOG-DOJ-13295789 | Google document | Highly Confidential |
| PTX0133 | 4/22/2013 21:19 | GOOG-DOJ-15603896 | GOOG-DOJ-15603896 | Message from Tobias Maurer to Scott Spencer | Highly Confidential |
| PTX0134 | 4/25/2013 0:19 | GOOG-DOJ-11753371 | GOOG-DOJ-11753378 | Email from Jonathan Dale to Chris LaSala, with attachments | Highly Confidential |
| PTX0135 | 5/1/2013 16:34 | GOOG-DOJ-09447911 | GOOG-DOJ-09447916 | Google document | Highly Confidential |
| PTX0136 | 5/21/2013 17:19 | GOOG-DOJ-06583584 | GOOG-DOJ-06583586 | Email from Jonathan Bellack to Aparna Pappu et al. | Highly Confidential |
| PTX0137 | 5/30/2013 18:43 | GOOG-AT-MDL-014628114 | GOOG-AT-MDL-014628116 | Email from Sunni Yuen to Woojin Kim et al. | Confidential |
| PTX0138 | 5/31/2013 0:48 | GOOG-AT-MDL-014515747 | GOOG-AT-MDL-014515748 | Email from Scott Spencer to Woojin Kim et al. | Confidential |
| PTX0139 | 6/11/2013 21:11 | GOOG-DOJ-06584045 | GOOG-DOJ-06584047 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0140 | 6/12/2013 13:29 | GOOG-DOJ-09448411 | GOOG-DOJ-09448419 | Email from Jan Seht to Daniel Silveira et al. | Highly Confidential |
| PTX0141 | 6/17/2013 7:04 | GOOG-DOJ-03606441 | GOOG-DOJ-03606451 | Google document | Highly Confidential |
| PTX0142 | 6/28/2013 16:19 | GOOG-AT-MDL-014628553 | GOOG-AT-MDL-014628554 | Email from Adam Klee to Scott Spencer | Confidential |
| PTX0143 | 7/10/2013 16:57 | GOOG-DOJ-04407352 | GOOG-DOJ-04407354 | Email from Pooja Kapoor to Megan Kiefer et al. | Highly Confidential |
| PTX0144 | 7/11/2013 21:43 | GOOG-DOJ-04407434 | GOOG-DOJ-04407444 | Google document | Highly Confidential |
| PTX0145 | 7/24/2013 12:57 | GOOG-DOJ-03541292 | GOOG-DOJ-03541298 | Google presentation | Highly Confidential |
| PTX0146 | 8/15/2013 20:48 | GOOG-DOJ-03607096 | GOOG-DOJ-03607102 | Google presentation | Highly Confidential |
| PTX0147 | 8/28/2013 17:24 | GOOG-DOJ-11810183 | GOOG-DOJ-11810266 | Google document | Highly Confidential |
| PTX0148 | 9/11/2013 16:52 | GOOG-AT-MDL-014564678 | GOOG-AT-MDL-014564681 | Email from Mathew Monroe to Victor Starenky et al. | Confidential |
| PTX0149 | 9/12/2013 5:06 | GOOG-AT-MDL-014564694 | GOOG-AT-MDL-014564697 | Email from Matthew Monroe to Jaclyn Madden et al. | Confidential |
| PTX0150 | 9/18/2013 16:25 | GOOG-AT-MDL-B-004428141 | GOOG-AT-MDL-B-004428142 | Message from Michael Rosett to Deepti Bhatnagar | Confidential |
| PTX0151 | 10/8/2013 16:33 | GOOG-DOJ-03873799 | GOOG-DOJ-03873801 | Email from David Bledin to Atlan Weinberg et al. | Highly Confidential |
| PTX0152 | 10/25/2013 14:51 | GOOG-DOJ-03874061 | GOOG-DOJ-03874069 | Google document | Highly Confidential |
| PTX0153 | 10/26/2013 8:00 | GOOG-DOJ-15718679 | GOOG-DOJ-15718681 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0154 | 10/29/2013 15:28 | GOOG-AT-MDL-009412816 | GOOG-AT-MDL-009412818 | Email from Joan Braddi to James McSweeney, et al. | Confidential |
| PTX0155 | 10/30/2013 0:10 | GOOG-TEX-00055079 | GOOG-TEX-00055086 | Google presentation | Highly Confidential |
| PTX0156 | 10/30/2013 14:15 | GOOG-AT-MDL-009412827 | GOOG-AT-MDL-009412830 | Email from Tobias Maurer to Joan Braddi, et al. | Confidential |
| PTX0157 | 10/30/2013 17:00 | GOOG-DOJ-03608886 | GOOG-DOJ-03608890 | Google presentation | Highly Confidential |
| PTX0158 | 11/21/2013 0:58 | GOOG-AT-MDL-012324145 | GOOG-AT-MDL-012324145 | Google document | Confidential |
| PTX0159 | 2/5/2014 15:09 | GOOG-DOJ-03610002 | GOOG-DOJ-03610004 | Google document | Highly Confidential |
| PTX0160 | 2/7/2014 18:24 | GOOG-DOJ-12684590 | GOOG-DOJ-12684619 | Email from Ashley Hu to Bethanie Baynes, with attachment | Highly Confidential |
| PTX0161 | 3/3/2014 19:53 | GOOG-DOJ-14867672 | GOOG-DOJ-14867672 | Email from Aparna Pappu to Scott Spencer | Highly Confidential |
| PTX0162 | 3/4/2014 18:29 | GOOG-DOJ-14257029 | GOOG-DOJ-14257041 | Google presentation | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0164 | 3/14/2014 0:58 | GOOG-DOJ-29736075 | GOOG-DOJ-29736076 | Email from Scott Spencer to Johan Land et al. | Confidential |
| PTX0165 | 3/23/2014 23:49 | GOOG-DOJ-03707195 | GOOG-DOJ-03707208 | Google presentation | Highly Confidential |
| PTX0166 | 3/24/2014 0:11 | GOOG-DOJ-03525434 | GOOG-DOJ-03525434 | Google document | Highly Confidential |
| PTX0167 | 3/28/2014 14:43 | GOOG-DOJ-15618265 | GOOG-DOJ-15618268 | Email from Tobias Maurer to Bruce Falck et al. | Highly Confidential |
| PTX0168 | 3/28/2014 15:38 | GOOG-DOJ-14258291 | GOOG-DOJ-14258294 | Email from Christian Veer to Tobias Maurer et al. | Highly Confidential |
| PTX0169 | 3/28/2014 16:20 | GOOG-DOJ-14258295 | GOOG-DOJ-14258298 | Email from Christian Veer to Tobias Maurer et al. | Highly Confidential |
| PTX0170 | 4/3/2014 2:10 | GOOG-DOJ-11796239 | GOOG-DOJ-11796246 | Email from Chikako Nakashima to James McSweeney et al., | Highly Confidential |
| PTX0171 | 4/4/2014 14:35 | GOOG-DOJ-04857852 | GOOG-DOJ-04857857 | Email from ads-quality-team@google.com on behalf of Vinod Marur to Reed Taylor et al. | Highly Confidential |
| PTX0172 | 4/8/2014 14:12 | GOOG-DOJ-15133095 | GOOG-DOJ-15133096 | Email from David Goodman to Jan Seht | Highly Confidential |
| PTX0173 | 4/8/2014 22:26 | GOOG-AT-MDL-004235486 | GOOG-AT-MDL-004235488 | Email from Chris LaSala to Aidan Booth et al. | Confidential |
| PTX0174 | 4/29/2014 20:00 | GOOG-DOJ-06831630 | GOOG-DOJ-06831679 | Google presentation | Highly Confidential |
| PTX0175 | 5/13/2014 3:24 | GOOG-DOJ-06588780 | GOOG-DOJ-06588783 | Email from Bhavesh Mehta to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0176 | 5/22/2014 15:00 | GOOG-DOJ-08976385 | GOOG-DOJ-08976469 | Google document | Highly Confidential |
| PTX0177 | 5/28/2014 16:38 | GOOG-DOJ-03876213 | GOOG-DOJ-03876216 | Email from Jonathan Bellack to Jonathan Alferness et al. | Highly Confidential |
| PTX0178 | 5/30/2014 16:06 | GOOG-DOJ-14140347 | GOOG-DOJ-14140353 | Google document | Highly Confidential |
| PTX0179 | 5/30/2014 19:28 | GOOG-DOJ-09451567 | GOOG-DOJ-09451590 | Google presentation | Highly Confidential |
| PTX0180 | 6/4/2014 0:00 | GOOG-DOJ-14010311 | GOOG-DOJ-14010313 | Email from Eisar Lipkovitz to Scott Silver | Highly Confidential |
| PTX0181 | 6/6/2014 17:08 | GOOG-DOJ-14303532 | GOOG-DOJ-14303589 | Google presentation | Highly Confidential |
| PTX0182 | 6/7/2014 23:19 | GOOG-AT-MDL-B-002182842 | GOOG-AT-MDL-B-002182845 | Email from Jesse Savage to Paul Pellman et al. | Confidential |
| PTX0183 | 6/12/2014 13:20 | GOOG-DOJ-04992716 | GOOG-DOJ-04992719 | Email from Scott Silver to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0184 | 6/16/2014 9:56 | GOOG-AT-MDL-B-003716262 | GOOG-AT-MDL-B-003716263 | Email from Ali Nasiri Amini to Chris Harris et al. | Confidential |
| PTX0185 | 6/24/2014 14:11 | GOOG-DOJ-07809152 | GOOG-DOJ-07809153 | Email from Charles Huang to Woojin Kim et al. | Highly Confidential |
| PTX0186 | 6/25/2014 5:05 | GOOG-DOJ-07809181 | GOOG-DOJ-07809183 | Email from Brad Bender to Bhavesh Mehta et al. | Highly Confidential |
| PTX0187 | 6/27/2014 3:26 | GOOG-DOJ-15199083 | GOOG-DOJ-15199085 | Email from Eyal Manor to Eisar Lipkovitz | Highly Confidential |
| PTX0188 | 7/8/2014 5:31 | GOOG-AT-MDL-003839960 | GOOG-AT-MDL-003840032 | Google presentation | Confidential |
| PTX0189 | 7/9/2014 16:09 | GOOG-DOJ-27757879 | GOOG-DOJ-27757893 | Google presentation | Confidential |
| PTX0190 | 7/10/2014 13:15 | GOOG-DOJ-04315024 | GOOG-DOJ-04315040 | Google presentation | Highly Confidential |
| PTX0191 | 7/10/2014 22:57 | GOOG-DOJ-29478169 | GOOG-DOJ-29478199 | Google presentation | Confidential |
| PTX0192 | 7/14/2014 0:00 | GOOG-DOJ-14954887 | GOOG-DOJ-14954891 | Email from James Buerger to Woojin Kim et al. | Highly Confidential |
| PTX0193 | 7/22/2014 5:10 | GOOG-DOJ-11239763 | GOOG-DOJ-11239848 | Google document | Highly Confidential |
| PTX0194 | 7/29/2014 16:13 | GOOG-DOJ-06832553 | GOOG-DOJ-06832603 | Google presentation | Highly Confidential |
| PTX0195 | 7/31/2014 1:14 | GOOG-DOJ-15199343 | GOOG-DOJ-15199345 | Email from Chris Harris to Eisar Lipkovitz | Highly Confidential |
| PTX0196 | 9/2/2014 17:39 | GOOG-DOJ-05250986 | GOOG-DOJ-05250988 | Email from Taylor Tobin to Brad Bender | Highly Confidential |
| PTX0197 | 9/2/2014 19:07 | GOOG-AT-MDL-014460499 | GOOG-AT-MDL-014460500 | Email from Aparna Pappu to Nirmal Jayaram et al. | Confidential |
| PTX0198 | 9/8/2014 17:02 | GOOG-DOJ-15627703 | GOOG-DOJ-15627705 | Email from Johan Land to Scott Spencer et al. | Highly Confidential |
| PTX0199 | 9/9/2014 16:20 | GOOG-DOJ-07227229 | GOOG-DOJ-07227249 | Google presentation | Highly Confidential |
| PTX0200 | 9/19/2014 19:22 | GOOG-DOJ-03543422 | GOOG-DOJ-03543424 | Email from Neal Mohan to Jason Spero | Highly Confidential |
| PTX0201 | 9/19/2014 21:26 | GOOG-DOJ-03877823 | GOOG-DOJ-03877823 | Email from Tobias Maurer to Brad Bender | Highly Confidential |
| PTX0202 | 9/30/2014 8:21 | GOOG-AT-MDL-B-002093394 | GOOG-AT-MDL-B-002093395 | Email from Ali Nasiri Amini to Varun Ramanujam et al. | Confidential |
| PTX0203 | 10/8/2014 0:00 | GOOG-AT-MDL-B-002122273 | GOOG-AT-MDL-B-002122287 | Google presentation | Highly Confidential |
| PTX0204 | 10/16/2014 18:43 | GOOG-DOJ-14022335 | GOOG-DOJ-14022380 | Google presentation | Highly Confidential |
| PTX0205 | 11/4/2014 1:40 | GOOG-DOJ-03878075 | GOOG-DOJ-03878076 | Email from Johan Land to Rohit Dhawan et al. | Highly Confidential |
| PTX0206 | 11/4/2014 15:36 | GOOG-DOJ-03878083 | GOOG-DOJ-03878085 | Email from Johan Land to Aparna Pappu et al. | Highly Confidential |
| PTX0207 | 11/6/2014 6:32 | GOOG-DOJ-03231699 | GOOG-DOJ-03231703 | Email from Aitan Weinberg to Brad Bender et al. | Highly Confidential |
| PTX0208 | 12/3/2014 21:28 | GOOG-DOJ-12768541 | GOOG-DOJ-12768569 | Google presentation | Highly Confidential |
| PTX0209 | 12/4/2014 18:04 | GOOG-DOJ-06592338 | GOOG-DOJ-06592340 | Email from Max Loubser to Scott Silver et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0210 | 12/9/2014 4:09 | GOOG-AT-MDL-009417880 | GOOG-AT-MDL-009417881 | Email from Jennifer Flannery O'Connor to Neal Mohan | Confidential |
| PTX0211 | 12/9/2014 16:36 | GOOG-AT-MDL-016955780 | GOOG-AT-MDL-016955782 | Email from Jennifer Flannery O'Connor to Jim Giles et al. | Confidential |
| PTX0212 | 12/9/2014 16:56 | GOOG-AT-MDL-013362112 | GOOG-AT-MDL-013362116 | Email from Aparna Pappu to Scott Silver | Confidential |
| PTX0213 | 8/12/2015 2:29 | GOOG-DOJ-15188149 | GOOG-DOJ-15188149 | Message generated by docs.google.com containing comments to document | Highly Confidential |
| PTX0214 | 1/6/2015 17:59 | GOOG-DOJ-14712011 | GOOG-DOJ-14712015 | Email from Max Loubser to Aparna Pappu et al. | Highly Confidential |
| PTX0215 | 1/8/2015 9:35 | GOOG-DOJ-11948796 | GOOG-DOJ-11948798 | Google document | Highly Confidential |
| PTX0216 | 1/22/2015 20:06 | GOOG-DOJ-09875130 | GOOG-DOJ-09875148 | Google presentation | Highly Confidential |
| PTX0217 | 1/30/2015 0:00 | GOOG-AT-MDL-010758565 | GOOG-AT-MDL-010758581 | Google document | Highly Confidential |
| PTX0218 | 2/9/2015 0:00 | GOOG-DOJ-09251152 | GOOG-DOJ-09251157 | Email from Neal Mohan to Sridhar Ramaswamy | Highly Confidential |
| PTX0219 | 3/3/2015 0:00 | GOOG-AT-MDL-008734667 | GOOG-AT-MDL-008734706 | Email from Russ Freyman to Sean Harrison, with attachments | Highly Confidential |
| PTX0220 | 3/4/2015 14:21 | GOOG-DOJ-27803533 | GOOG-DOJ-27803552 | Google presentation | Confidential |
| PTX0221 | 3/6/2015 22:35 | GOOG-DOJ-06594044 | GOOG-DOJ-06594045 | Email from Woojin Kim to Shannon Bayley et al. | Highly Confidential |
| PTX0222 | 3/25/2015 12:00 | GOOG-DOJ-06836438 | GOOG-DOJ-06836465 | Google presentation | Highly Confidential |
| PTX0223 | 3/26/2015 18:36 | GOOG-DOJ-10517669 | GOOG-DOJ-10517675 | Google presentation | Highly Confidential |
| PTX0224 | 4/21/2015 18:02 | GOOG-DOJ-13340483 | GOOG-DOJ-13340483 | Email from Scott Spencer to Jonathan Bellack | Highly Confidential |
| PTX0225 | 4/23/2015 20:52 | GOOG-TEX-00079559 | GOOG-TEX-00079570 | Email from Sampada Telang to Archana Raghavendra et al. | Highly Confidential |
| PTX0226 | 4/28/2015 6:45 | GOOG-AT-MDL-B-002097533 | GOOG-AT-MDL-B-002097534 | Email from Ali Nasiri Amini to Bahman Rabii | Confidential |
| PTX0227 | 4/30/2015 21:29 | GOOG-DOJ-03880564 | GOOG-DOJ-03880567 | Email from drx-notes@google.com on behalf of Drew Bradstock to Jonathan Bellack et al. | Highly Confidential |
| PTX0228 | 5/14/2015 15:38 | GOOG-AT-MDL-014462384 | GOOG-AT-MDL-014462385 | Email from Vahab Mirrokni to Aparna Pappu et al. | Confidential |
| PTX0229 | 6/3/2015 1:19 | GOOG-DOJ-07811169 | GOOG-DOJ-07811239 | Google presentation | Highly Confidential |
| PTX0230 | 6/23/2015 14:53 | GOOG-DOJ-12710505 | GOOG-DOJ-12710510 | Email from Jonathan Bellack to Gang Wang et al. | Highly Confidential |
| PTX0231 | 7/7/2015 13:05 | GOOG-DOJ-10547033 | GOOG-DOJ-10547155 | Google presentation | Highly Confidential |
| PTX0232 | 7/16/2015 11:46 | GOOG-TEX-00103507 | GOOG-TEX-00103544 | Google presentation | Highly Confidential |
| PTX0233 | 7/16/2015 18:37 | GOOG-AT-MDL-007495110 | GOOG-AT-MDL-007495188 | Google presentation | Confidential |
| PTX0234 | 7/22/2015 2:26 | GOOG-TEX-00116236 | GOOG-TEX-00116241 | Email from Drew Bradstock to Jonathan Bellack et al. | Highly Confidential |
| PTX0235 | 7/27/2015 23:49 | GOOG-DOJ-15187593 | GOOG-DOJ-15187594 | Email from Alex Barza to Drew Bradstock | Highly Confidential |
| PTX0236 | 7/28/2015 0:40 | GOOG-DOJ-06563186 | GOOG-DOJ-06563204 | Google presentation | Highly Confidential |
| PTX0237 | 7/31/2015 14:59 | GOOG-TEX-00046730 | GOOG-TEX-00046737 | Email from Eisar Lipkowitz to Bahman Rabii et al. | Highly Confidential |
| PTX0238 | 8/4/2015 16:01 | GOOG-DOJ-12710607 | GOOG-DOJ-12710615 | Email from Jonathan Bellack to Assaf Grabinsky et al. | Highly Confidential |
| PTX0239 | 8/5/2015 18:23 | GOOG-TEX-00102812 | GOOG-TEX-00102823 | Email from Assaf Grabinsky to Thomas Schreiber et al. | Highly Confidential |
| PTX0240 | 8/5/2015 18:23 | GOOG-DOJ-12710616 | GOOG-DOJ-12710624 | Email from Assaf Grabinsky to Thomas Schreiber et al. | Highly Confidential |
| PTX0241 | 8/12/2015 12:45 | GOOG-DOJ-14002753 | GOOG-DOJ-14002756 | Google presentation | Highly Confidential |
| PTX0242 | 8/21/2015 17:25 | GOOG-TEX-00119553 | GOOG-TEX-00119568 | Google document | Highly Confidential |
| PTX0243 | 8/24/2015 1:01 | GOOG-TEX-00116618 | GOOG-TEX-00116625 | Email from Jonathan Bellack to Max Loubser et al. | Highly Confidential |
| PTX0244 | 8/26/2015 17:30 | GOOG-DOJ-13352197 | GOOG-DOJ-13352202 | Email from Woojin Kim to Aparna Pappu et al. | Highly Confidential |
| PTX0245 | 9/2/2015 18:45 | GOOG-TEX-00777528 | GOOG-TEX-00777535 | Email from Lixing Dong to Bo Zheng et al. | Highly Confidential |
| PTX0246 | 9/18/2015 14:35 | GOOG-DOJ-14004308 | GOOG-DOJ-14004308 | Email from Gargi Sur to Drew Bradstock | Highly Confidential |
| PTX0247 | 9/24/2015 20:14 | GOOG-TEX-00123404 | GOOG-TEX-00123417 | Google presentation | Highly Confidential |
| PTX0248 | 9/25/2015 18:29 | GOOG-TEX-00118526 | GOOG-TEX-00118537 | Google document | Highly Confidential |
| PTX0249 | 9/29/2015 13:56 | GOOG-DOJ-13354593 | GOOG-DOJ-13354598 | Email from Julie Sterling to David Goodman et al. | Highly Confidential |
| PTX0250 | 9/29/2015 19:27 | GOOG-TEX-00089326 | GOOG-TEX-00089340 | Google presentation | Highly Confidential |
| PTX0251 | 10/9/2015 19:16 | GOOG-DOJ-05310251 | GOOG-DOJ-05310270 | Email from Jonathan Bellack to Chris LaSala et al., with attachment | Highly Confidential |
| PTX0252 | 10/9/2015 20:54 | GOOG-TEX-00001388 | GOOG-TEX-00001390 | Email from Jonathan Bellack to Chris LaSala et al. | Highly Confidential |
| PTX0253 | 10/12/2015 14:36 | GOOG-TEX-00107198 | GOOG-TEX-00107233 | Google presentation | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0254 | 10/13/2015 12:13 | GOOG-TEX-00089237 | GOOG-TEX-00089240 | Email from Chris LaSala to Craig DiNatali et al. | Highly Confidential |
| PTX0255 | 10/13/2015 15:22 | GOOG-TEX-00117103 | GOOG-TEX-00117115 | Email from Sunni Yuen to Sara Walsh et al. | Highly Confidential |
| PTX0256 | 10/13/2015 15:28 | GOOG-DOJ-15643121 | GOOG-DOJ-15643126 | Email from Scott Spencer to Michael Smith et al. | Highly Confidential |
| PTX0257 | 10/15/2015 21:09 | GOOG-TEX-00125604 | GOOG-TEX-00125631 | Google presentation | Highly Confidential |
| PTX0258 | 10/16/2015 15:36 | GOOG-DOJ-13356604 | GOOG-DOJ-13356610 | Google document | Highly Confidential |
| PTX0259 | 10/22/2015 2:51 | GOOG-DOJ-13202326 | GOOG-DOJ-13202329 | Google document | Highly Confidential |
| PTX0260 | 10/23/2015 18:01 | GOOG-DOJ-14507818 | GOOG-DOJ-14507822 | Email from web-tym-working-group@google.com on behalf of Assaf Grabinsky to Jonathan Bellack et al., with attachment | Highly Confidential |
| PTX0261 | 11/3/2015 21:03 | GOOG-DOJ-13964907 | GOOG-DOJ-13964907 | Email from George Levitte to David Goodman | Highly Confidential |
| PTX0262 | 11/4/2015 16:14 | GOOG-DOJ-15728914 | GOOG-DOJ-15728924 | Email from Woojin Kim to Alok Aggarwal et al. | Highly Confidential |
| PTX0263 | 11/5/2015 15:34 | GOOG-AT-MDL-012499189 | GOOG-AT-MDL-012499190 | Email from Chris LaSala to Chris LaSala | Confidential |
| PTX0264 | 11/10/2015 1:03 | GOOG-DOJ-04329872 | GOOG-DOJ-04329873 | Email from Eisar Lipkovitz to Woojin Kim et al. | Highly Confidential |
| PTX0265 | 11/10/2015 6:48 | GOOG-DOJ-05256264 | GOOG-DOJ-05256273 | Email from Eu-Jin Goh to Eisar Lipkovitz et al., with attachment | Highly Confidential |
| PTX0266 | 11/10/2015 17:05 | GOOG-DOJ-05256328 | GOOG-DOJ-05256339 | Email from Jonathan Bellack to Eisar Lipkovitz et al., with attachment | Highly Confidential |
| PTX0267 | 11/10/2015 20:28 | GOOG-DOJ-04329901 | GOOG-DOJ-04329904 | Email from Jonathan Bellack to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0268 | 11/10/2015 21:38 | GOOG-DOJ-10947533 | GOOG-DOJ-10947533 | Email from Chris LaSala to Jerome Gateau | Highly Confidential |
| PTX0269 | 11/11/2015 15:20 | GOOG-TEX-00117219 | GOOG-TEX-00117229 | Email from Julie Sterling to Jonathan Bellack et al. | Highly Confidential |
| PTX0270 | 11/18/2015 16:36 | GOOG-TEX-00057487 | GOOG-TEX-00057705 | Google presentation | Highly Confidential |
| PTX0271 | 11/18/2015 18:58 | GOOG-DOJ-05256692 | GOOG-DOJ-05256704 | Email from Eu-Jin Goh to Aparna Pappu et al., with attachment | Highly Confidential |
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| PTX0273 | 12/2/2015 13:37 | GOOG-DOJ-03845733 | GOOG-DOJ-03845746 | Google presentation | Highly Confidential |
| PTX0274 | 12/2/2015 21:04 | GOOG-DOJ-03913175 | GOOG-DOJ-03913191 | Google presentation | Highly Confidential |
| PTX0275 | 12/3/2015 18:52 | GOOG-TEX-00089490 | GOOG-TEX-00089496 | Google document | Highly Confidential |
| PTX0276 | 12/4/2015 22:35 | GOOG-AT-MDL-012499575 | GOOG-AT-MDL-012499575 | Email from Bryan Rowley (via Google Slides) [drive-shares-noreply@google.com] to Chris LaSala | Confidential |
| PTX0277 | 12/11/2015 14:48 | GOOG-DOJ-03617407 | GOOG-DOJ-03617418 | Google presentation | Highly Confidential |
| PTX0278 | 12/12/2015 1:00 | GOOG-DOJ-11765613 | GOOG-DOJ-11765619 | Google document | Highly Confidential |
| PTX0279 | 12/21/2015 19:08 | GOOG-TEX-00117392 | GOOG-TEX-00117394 | Email from Craig DiNatali to Jonathan Bellack | Highly Confidential |
| PTX0280 | 1/6/2016 17:07 | GOOG-TEX-00089371 | GOOG-TEX-00089402 | Google presentation | Highly Confidential |
| PTX0281 | 1/6/2016 19:46 | GOOG-TEX-00117939 | GOOG-TEX-00117942 | Email from launch@google.com to Jonathan Bellack et al. | Highly Confidential |
| PTX0282 | 1/8/2016 0:32 | GOOG-DOJ-15192614 | GOOG-DOJ-15192614 | Email from George Levitte to Drew Bradstock et al. | Highly Confidential |
| PTX0283 | 1/8/2016 19:03 | GOOG-TEX-00089404 | GOOG-TEX-00089404 | Email from Jennifer Schindler to Geraldine Chachoua et al. | Highly Confidential |
| PTX0284 | 1/8/2016 21:39 | GOOG-DOJ-13364290 | GOOG-DOJ-13364292 | Email from Woojin Kim to Scott Spencer et al. | Highly Confidential |
| PTX0285 | 1/8/2016 22:07 | GOOG-TEX-00085406 | GOOG-TEX-00085409 | Email from Drew Bradstock to Woojin Kim et al. | Highly Confidential |
| PTX0286 | 1/11/2016 17:56 | GOOG-TEX-00117995 | GOOG-TEX-00118000 | Email from Jonathan Bellack to Aparna Pappu | Highly Confidential |
| PTX0287 | 1/11/2016 17:56 | GOOG-DOJ-13364449 | GOOG-DOJ-13364453 | Email from Jonathan Bellack to Aparna Pappu | Highly Confidential |
| PTX0288 | 1/11/2016 19:53 | GOOG-DOJ-06842351 | GOOG-DOJ-06842362 | Google presentation | Highly Confidential |
| PTX0289 | 1/12/2016 6:12 | GOOG-DOJ-07237766 | GOOG-DOJ-07237770 | Email from mad-pm@google.com on behalf of Chris Gkarlos-Stavropoulos to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0290 | 1/12/2016 7:03 | GOOG-DOJ-14516983 | GOOG-DOJ-14516984 | Email from Jerome Gateau to Eisar Lipkovitz | Highly Confidential |
| PTX0291 | 1/12/2016 18:34 | GOOG-DOJ-10948339 | GOOG-DOJ-10948339 | Message generated by Barney Pierce (Google Docs) containing comments to document | Highly Confidential |
| PTX0292 | 1/13/2016 16:13 | GOOG-DOJ-12711806 | GOOG-DOJ-12711835 | Google presentation | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0293 | 1/13/2016 21:12 | GOOG-DOJ-15425488 | GOOG-DOJ-15425488 | Message generated by Tobias Maurer (Google Docs) containing comments to document | Highly Confidential |
| PTX0294 | 1/13/2016 21:22 | GOOG-DOJ-32262609 | GOOG-DOJ-32262661 | Google presentation | Confidential |
| PTX0295 | 1/17/2016 22:43 | GOOG-DOJ-03068470 | GOOG-DOJ-03068473 | Google document | Highly Confidential |
| PTX0296 | 1/25/2016 18:38 | GOOG-DOJ-02850814 | GOOG-DOJ-02850815 | Email from Jonathan Bellack to Brad Bender | Highly Confidential |
| PTX0297 | 1/28/2016 0:29 | GOOG-DOJ-09458688 | GOOG-DOJ-09458709 | Google presentation | Highly Confidential |
| PTX0298 | 1/28/2016 0:42 | GOOG-AT-MDL-003367653 | GOOG-AT-MDL-003367656 | Email from Nelson Hsu to Colin Goulding et al. | Confidential |
| PTX0299 | 1/28/2016 17:01 | GOOG-TEX-00118064 | GOOG-TEX-00118068 | Email from Jonathan Bellack to Rohit Dhawan et al. | Highly Confidential |
| PTX0300 | 1/29/2016 20:30 | GOOG-TEX-00118107 | GOOG-TEX-00118110 | Email from Michael Kleber to Jonathan Bellack et al. | Highly Confidential |
| PTX0301 | 1/29/2016 20:57 | GOOG-TEX-00103022 | GOOG-TEX-00103024 | Email from Aparna Pappu to Josh Cohen et al. | Highly Confidential |
| PTX0302 | 2/2/2016 18:15 | GOOG-DOJ-11765922 | GOOG-DOJ-11765922 | Email from Bryan Rowley to Chris LaSala | Highly Confidential |
| PTX0303 | 2/5/2016 15:50 | GOOG-DOJ-12484600 | GOOG-DOJ-12484601 | Email from Payam Shodjai to Paul Muret | Highly Confidential |
| PTX0304 | 2/9/2016 21:52 | GOOG-DOJ-07791790 | GOOG-DOJ-07791792 | Email from Bryan Rowley to Bonita Stewart et al. | Highly Confidential |
| PTX0305 | 2/19/2016 18:37 | GOOG-DOJ-12502010 | GOOG-DOJ-12502014 | Google document | Highly Confidential |
| PTX0306 | 2/22/2016 19:58 | GOOG-DOJ-09141406 | GOOG-DOJ-09141596 | Google presentation | Highly Confidential |
| PTX0307 | 2/23/2016 20:40 | GOOG-DOJ-03618477 | GOOG-DOJ-03618533 | Google presentation | Highly Confidential |
| PTX0308 | 2/25/2016 3:47 | GOOG-DOJ-05221243 | GOOG-DOJ-05221246 | Email from Michelle Sarlo Dauwalter to Bonita Stewart | Highly Confidential |
| PTX0309 | 2/25/2016 11:38 | GOOG-DOJ-05311142 | GOOG-DOJ-05311145 | Email from Chris LaSala to Michelle Sarlo Dauwalter et al. | Highly Confidential |
| PTX0310 | 2/25/2016 19:58 | GOOG-DOJ-07813621 | GOOG-DOJ-07813622 | Email from drx-notes@google.com on behalf of Abby Toomey to drx-jedi et al. | Highly Confidential |
| PTX0311 | 2/26/2016 3:11 | GOOG-DOJ-06843565 | GOOG-DOJ-06843571 | Email from Sam Temes to Jasper Seldin et al. | Highly Confidential |
| PTX0312 | 2/27/2016 1:12 | GOOG-DOJ-05258347 | GOOG-DOJ-05258399 | Google presentation | Highly Confidential |
| PTX0313 | 2/27/2016 22:04 | GOOG-DOJ-07323297 | GOOG-DOJ-07323298 | Email from Eisar Lipkovitz to Jerry Dischler et al. | Highly Confidential |
| PTX0314 | 3/1/2016 0:00 | GOOG-AT-MDL-B-001601271 | GOOG-AT-MDL-B-001601278 | Google document | Confidential |
| PTX0315 | 3/1/2016 23:03 | GOOG-TEX-00089497 | GOOG-TEX-00089506 | Email from Bryan Rowley to Chris LaSala | Highly Confidential |
| PTX0316 | 3/11/2016 23:01 | GOOG-AT-MDL-B-002102733 | GOOG-AT-MDL-B-002102736 | Email from Alok Aggarwal to Tobias Maurer et al. | Confidential |
| PTX0317 | 3/14/2016 8:48 | GOOG-AT-MDL-012500548 | GOOG-AT-MDL-012500551 | Email from Jasper Seldin to Pooja Kapoor et al. | Confidential |
| PTX0318 | 3/18/2016 0:36 | GOOG-DOJ-15204429 | GOOG-DOJ-15204430 | Email from Eisar Lipkovitz to Ali Nasiri Amini et al. | Highly Confidential |
| PTX0319 | 3/18/2016 20:37 | GOOG-TEX-00082760 | GOOG-TEX-00082771 | Email from Aparna Pappu to Jim Giles | Highly Confidential |
| PTX0320 | 9/3/16 4:16 | GOOG-TEX-00119677 | GOOG-TEX-00119685 | Email from Eisar Lipkovitz to Ali Nasiri Amini et al. | Highly Confidential |
| PTX0321 | 3/22/2016 2:50 | GOOG-DOJ-14717520 | GOOG-DOJ-14717528 | Email from Vahab Mirrokni to Renato Paes Leme et al. | Highly Confidential |
| PTX0322 | 3/28/2016 17:39 | GOOG-DOJ-28386151 | GOOG-DOJ-28386179 | Google presentation | Confidential |
| PTX0323 | 3/28/2016 20:35 | GOOG-DOJ-04334161 | GOOG-DOJ-04334164 | Google presentation | Highly Confidential |
| PTX0324 | 3/28/2016 20:37 | GOOG-DOJ-15140608 | GOOG-DOJ-15140609 | Google document | Highly Confidential |
| PTX0325 | 3/29/2016 2:47 | GOOG-DOJ-13370838 | GOOG-DOJ-13370838 | Message generated by Jonathan Bellack (Google Docs) containing comments to document | Highly Confidential |
| PTX0326 | 3/31/2016 16:45 | GOOG-DOJ-09238836 | GOOG-DOJ-09238915 | Google document | Confidential |
| PTX0327 | 4/4/2016 21:25 | GOOG-DOJ-09459336 | GOOG-DOJ-09459356 | Google presentation | Highly Confidential |
| PTX0328 | 4/7/2016 18:42 | GOOG-DOJ-12395460 | GOOG-DOJ-12395464 | Google presentation | Highly Confidential |
| PTX0329 | 4/7/2016 20:29 | GOOG-DOJ-32055191 | GOOG-DOJ-32055193 | Email from Aparna Pappu to Alok Aggarwal et al. | Confidential |
| PTX0330 | 4/7/2016 23:30 | GOOG-DOJ-32016770 | GOOG-DOJ-32016771 | Email from Brad Bender to Woojin Kim et al. | Confidential |
| PTX0331 | 4/10/2016 6:06 | GOOG-DOJ-12485597 | GOOG-DOJ-12485598 | Email from Eisar Lipkovitz to Paul Muret et al. | Highly Confidential |
| PTX0332 | 4/12/2016 19:50 | GOOG-TEX-00103256 | GOOG-TEX-00103314 | Google presentation | Highly Confidential |
| PTX0333 | 4/15/2016 11:23 | GOOG-DOJ-27766486 | GOOG-DOJ-27766492 | Email from Dan Taylor to Jason Spero et al. | Confidential |
| PTX0334 | 4/21/2016 18:44 | GOOG-DOJ-15427522 | GOOG-DOJ-15427522 | Email from Fabrizio Angelini to George Levitte et al. | Highly Confidential |
| PTX0335 | 4/27/2016 11:41 | GOOG-TEX-00002258 | GOOG-TEX-00002261 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0336 | 4/29/2016 14:59 | GOOG-DOJ-15427640 | GOOG-DOJ-15427641 | Email from Max Loubser to Martin Pál et al. | Highly Confidential |
| PTX0337 | 5/5/2016 15:30 | GOOG-DOJ-15125492 | GOOG-DOJ-15125492 | Google document | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0339 | 5/16/2016 15:29 | GOOG-DOJ-03234715 | GOOG-DOJ-03234722 | Email from Rohit Dhawan to Jonathan Bellack et al. | Highly Confidential |
| PTX0340 | 5/25/2016 18:19 | GOOG-DOJ-13374594 | GOOG-DOJ-13374599 | Email from Jonathan Bellack to Rohit Dhawan, with attachment | Highly Confidential |
| PTX0341 | 6/2/2016 0:00 | GOOG-DOJ-14447630 | GOOG-DOJ-14447634 | Email from David Goodman to Guillaume-Henri Huon | Highly Confidential |
| PTX0342 | 6/2/2016 11:52 | GOOG-TEX-00092616 | GOOG-TEX-00092641 | Email from Jonathan Bellack to Woojin Kim et al., with attachment | Highly Confidential |
| PTX0343 | 6/3/2016 20:14 | GOOG-DOJ-13375428 | GOOG-DOJ-13375428 | Email from Jonathan Bellack to Woojin Kim | Highly Confidential |
| PTX0344 | 6/13/2016 17:44 | GOOG-AT-MDL-012334734 | GOOG-AT-MDL-012334735 | Email from launch@google.com to display-adsquality-launch-notify@google.com et al. | Confidential |
| PTX0345 | 6/13/2016 22:24 | GOOG-AT-MDL-012501782 | GOOG-AT-MDL-012501783 | Email from Jonathan Bellack to Max Loubser et al. | Highly Confidential |
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| PTX0350 | 7/1/2016 17:08 | GOOG-AT-MDL-B-002105690 | GOOG-AT-MDL-B-002105692 | Email from Ali Nasiri Amini to Bahman Rabii | Confidential |
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| PTX0352 | 7/12/2016 18:38 | GOOG-TEX-00103579 | GOOG-TEX-00103581 | Email from Jonathan Bellack to Alex Shellhammer et al. | Highly Confidential |
| PTX0353 | 7/15/2016 23:09 | GOOG-DOJ-14152675 | GOOG-DOJ-14152677 | Email from Max Loubser to Jim Giles et al., with attachment | Highly Confidential |
| PTX0354 | 7/19/2016 21:29 | GOOG-DOJ-15797463 | GOOG-DOJ-15797466 | Google presentation | Highly Confidential |
| PTX0355 | 7/19/2016 22:02 | GOOG-DOJ-15076623 | GOOG-DOJ-15076623 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0356 | 7/7/2016 20:18 | GOOG-DOJ-14152425 | GOOG-DOJ-14152429 | Message generated by "George Levitte (Google Docs)" containing comments to document | Highly Confidential |
| PTX0357 | 7/26/2016 21:20 | GOOG-DOJ-15769040 | GOOG-DOJ-15769044 | Google document | Highly Confidential |
| PTX0358 | 7/27/2016 4:11 | GOOG-DOJ-02851963 | GOOG-DOJ-02852001 | Google presentation | Highly Confidential |
| PTX0359 | 8/22/2016 15:54 | GOOG-TEX-00124296 | GOOG-TEX-00124619 | Google document | Highly Confidential |
| PTX0360 | 8/23/2016 20:56 | GOOG-AT-MDL-014524503 | GOOG-AT-MDL-014524503 | Email from Jonathan Bellack to George Levitte et al. | Highly Confidential |
| PTX0361 | 9/19/2016 13:52 | GOOG-DOJ-13381330 | GOOG-DOJ-13381331 | Email from Laurent Cordier to Jerry Miller et al. | Highly Confidential |
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| PTX0366 | 9/6/2016 1:10 | GOOG-TEX-00119815 | GOOG-TEX-00119829 | Email from Jonathan Bellack to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0367 | 9/6/2016 2:01 | GOOG-DOJ-10634461 | GOOG-DOJ-10634472 | Email from Jonathan Bellack to Paul Muret | Highly Confidential |
| PTX0368 | 9/16/2016 5:54 | GOOG-TEX-00104315 | GOOG-TEX-00104317 | Email from Jerome Grateau to Chris LaSala | Highly Confidential |
| PTX0369 | 9/20/2016 2:12 | GOOG-DOJ-15432462 | GOOG-DOJ-15432465 | Email from Nitish Korula to Jim Giles et al. | Highly Confidential |
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| PTX0372 | 9/27/2016 15:23 | GOOG-DOJ-03887762 | GOOG-DOJ-03887765 | Email from Sridhar Ramaswamy to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0373 | 9/28/2016 13:29 | GOOG-TEX-00083092 | GOOG-TEX-00083092 | Message generated by "Jim Giles (Google Docs)" containing comments to document | Highly Confidential |
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| PTX0377 | 10/3/2016 12:10 | GOOG-AT-MDL-B-001120543 | GOOG-AT-MDL-B-001120543 | Email from Jim Giles to Martin Pál et al. | Confidential |
| PTX0378 | 10/11/2016 20:27 | GOOG-AT-MDL-014524758 | GOOG-AT-MDL-014524760 | Email from Jonathan Bellack to Scott Spencer | Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0381 | 10/20/2016 3:15 | GOOG-TEX-00120775 | GOOG-TEX-00120821 | Google presentation | Highly Confidential |
| PTX0382 | 10/20/2016 15:15 | GOOG-AT-MDL-012339152 | GOOG-AT-MDL-012339152 | Message generated by "Sam Temes (Google Docs)" containing comments to document | Confidential |
| PTX0383 | 10/21/2016 12:01 | GOOG-DOJ-13927223 | GOOG-DOJ-13927225 | Email from Jonathan Bellack to Max Loubser et al. | Highly Confidential |
| PTX0384 | 10/21/2016 18:02 | GOOG-AT-MDL-012339195 | GOOG-AT-MDL-012339195 | Email from Jonathan Bellack to Alok Verma et al. | Confidential |
| PTX0385 | 10/22/2016 2:53 | GOOG-AT-MDL-012339202 | GOOG-AT-MDL-012339202 | Email from Jim Giles to Jonathan Bellack et al. | Confidential |
| PTX0386 | 10/24/2016 15:36 | GOOG-AT-MDL-012339208 | GOOG-AT-MDL-012339209 | Email from Aparna Pappu to Jim Giles et al. | Confidential |
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| PTX0388 | 10/24/2016 16:03 | GOOG-AT-MDL-012339212 | GOOG-AT-MDL-012339213 | Email from Jonathan Bellack to Sam Cox et al. | Confidential |
| PTX0389 | 10/25/2016 0:57 | GOOG-DOJ-07817283 | GOOG-DOJ-07817284 | Email from Jonathan Bellack to Brad Bender | Highly Confidential |
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| PTX0391 | 10/26/2016 14:44 | GOOG-DOJ-13384169 | GOOG-DOJ-13384174 | Email from Sam Cox to Jonathan Bellack et al. | Highly Confidential |
| PTX0392 | 10/26/2016 14:46 | GOOG-DOJ-13384186 | GOOG-DOJ-13384190 | Email from Sam Cox to Jim Giles et al. | Highly Confidential |
| PTX0393 | 10/26/2016 15:38 | GOOG-DOJ-15081872 | GOOG-DOJ-15081872 | Email from Jonathan Bellack to Max Loubser et al. | Highly Confidential |
| PTX0394 | 10/27/2016 0:00 | GOOG-AT-MDL-B-002531351 | GOOG-AT-MDL-B-002531396 | Google presentation | Confidential |
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| PTX0397 | 10/27/2016 16:27 | GOOG-DOJ-07817329 | GOOG-DOJ-07817332 | Email from Brad Bender to Roshan Khan | Highly Confidential |
| PTX0398 | 10/27/2016 16:28 | GOOG-TEX-00120929 | GOOG-TEX-00120933 | Google document | Highly Confidential |
| PTX0399 | 10/27/2016 19:23 | GOOG-DOJ-13463955 | GOOG-DOJ-13463960 | Google document | Highly Confidential |
| PTX0400 | 10/28/2016 0:00 | GOOG-DOJ-11770421 | GOOG-DOJ-11770423 | Email from Chris LaSala to Jerome Grateau et al. | Highly Confidential |
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| PTX0402 | 10/28/2016 16:57 | GOOG-TEX-00104467 | GOOG-TEX-00104474 | Email from Michael Hopkins to Chris LaSala et al. | Highly Confidential |
| PTX0403 | 10/29/2016 4:16 | GOOG-TEX-00104511 | GOOG-TEX-00104520 | Email from Jonathan Bellack to Eisar Lipkowitz et al. | Highly Confidential |
| PTX0404 | 10/31/2016 1:06 | GOOG-TEX-00104531 | GOOG-TEX-00104540 | Email from Jonathan Bellack to Eisar Lipkowitz et al. | Highly Confidential |
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| PTX0406 | 11/2/2016 17:25 | GOOG-DOJ-12713374 | GOOG-DOJ-12713374 | Email from Bryan Rowley to Chris LaSala et al. | Highly Confidential |
| PTX0407 | 11/2/2016 22:01 | GOOG-TEX-00104622 | GOOG-TEX-00104633 | Email from Eisar Lipkowitz to Jonathan Bellack et al. | Highly Confidential |
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| PTX0409 | 11/8/2016 13:02 | GOOG-TEX-00104666 | GOOG-TEX-00104672 | Email from Roberto Ruju to David Goodman et al. | Highly Confidential |
| PTX0410 | 11/8/2016 16:24 | GOOG-TEX-00094191 | GOOG-TEX-00094192 | Email from Nitish Korula to Jonathan Bellack et al. | Highly Confidential |
| PTX0411 | 11/9/2016 1:20 | GOOG-TEX-00085443 | GOOG-TEX-00085445 | Email from Payam Shodjai to Tobias Maurer et al. | Highly Confidential |
| PTX0412 | 11/8/2016 23:11 | GOOG-DOJ-13546198 | GOOG-DOJ-13546198 | Message generated by "Nirmal Jayaram (Google Slides)" containing comments to document | Highly Confidential |
| PTX0413 | 11/9/2016 18:57 | GOOG-DOJ-13546281 | GOOG-DOJ-13546281 | Message generated by "Max Loubser (Google Slides)" containing comments to document | Highly Confidential |
| PTX0414 | 11/10/2016 3:29 | GOOG-DOJ-13546328 | GOOG-DOJ-13546329 | Message generated by "Jerome Grateau (Google Slides)" containing comments to document | Highly Confidential |
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| PTX0416 | 11/10/2016 4:46 | GOOG-DOJ-14158006 | GOOG-DOJ-14158007 | Message generated by "Nirmal Jayaram (Google Slides)" containing comments to document | Highly Confidential |
| PTX0417 | 11/10/2016 16:59 | GOOG-DOJ-02852757 | GOOG-DOJ-02852759 | Email from Jonathan Bellack to Eisar Lipkowitz et al. | Highly Confidential |
| PTX0418 | 11/11/2016 0:00 | GOOG-DOJ-11770874 | GOOG-DOJ-11770874 | Email from Chris LaSala to Jonathan Bellack et al. | Highly Confidential |
| PTX0419 | 11/11/2016 5:15 | GOOG-DOJ-28500657 | GOOG-DOJ-28500657-001 | Email from Sissie Hsaio to Jonathan Bellack | Confidential |
| PTX0420 | 11/11/2016 5:45 | GOOG-DOJ-03757786 | GOOG-DOJ-03757789 | Email from Nitish Korula to Eisar Lipkowitz et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0422 | 11/11/2016 22:04 | GOOG-DOJ-05265855 | GOOG-DOJ-05265857 | Email from Michael Hopkins to Aparna Pappu et al. | Highly Confidential |
| PTX0423 | 11/14/2016 18:41 | GOOG-DOJ-04615040 | GOOG-DOJ-04615046 | Email from Nitish Korula to Nirmal Jayaram et al. | Highly Confidential |
| PTX0424 | 11/16/2016 0:00 | GOOG-AT-MDL-019567254 | GOOG-AT-MDL-019567283 | Google document | Highly Confidential |
| PTX0425 | 11/18/2016 22:49 | GOOG-DOJ-12713546 | GOOG-DOJ-12713546 | Email from Chris LaSala to Bryan Rowley et al. | Highly Confidential |
| PTX0426 | 11/22/2016 18:04 | GOOG-DOJ-05314741 | GOOG-DOJ-05314747 | Email from Jerome Grateau to Aparna Pappu et al. | Highly Confidential |
| PTX0427 | 11/28/2016 18:04 | GOOG-AT-MDL-012340434 | GOOG-AT-MDL-012340434 | Email from launch@google.com to Google employees | Confidential |
| PTX0428 | 12/2/2016 17:49 | GOOG-DOJ-27577911 | GOOG-DOJ-27577914 | Google document | Confidential |
| PTX0429 | 12/5/2016 18:46 | GOOG-TEX-00083757 | GOOG-TEX-00083758 | Google document | Highly Confidential |
| PTX0430 | 12/6/2016 3:50 | GOOG-DOJ-14100706 | GOOG-DOJ-14100711 | Email from Josh Cohen to George Levitte | Highly Confidential |
| PTX0431 | 12/7/2016 17:12 | GOOG-DOJ-11771372 | GOOG-DOJ-11771378 | Email from Jerome Grateau to Jim Giles et al. | Highly Confidential |
| PTX0432 | 12/8/2016 20:54 | GOOG-DOJ-15207227 | GOOG-DOJ-15207229 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0433 | 12/9/2016 14:57 | GOOG-TEX-00035601 | GOOG-TEX-00035602 | Email from Chris LaSala to Jason Spero et al. | Highly Confidential |
| PTX0434 | 12/12/2016 16:06 | GOOG-DOJ-12713623 | GOOG-DOJ-12713628 | Google document | Highly Confidential |
| PTX0435 | 12/14/2016 2:01 | GOOG-DOJ-13387310 | GOOG-DOJ-13387312 | Email from Aparna Pappu to Gang Wang et al. | Highly Confidential |
| PTX0436 | 12/14/2016 2:05 | GOOG-AT-MDL-012341268 | GOOG-AT-MDL-012341268 | Email to Aparna Pappu to Jonathan Bellack et al. | Confidential |
| PTX0437 | 12/14/2016 2:10 | GOOG-TEX-00169845 | GOOG-TEX-00169846 | Email from Eisar Lipkovitz to Aparna Pappu | Highly Confidential |
| PTX0438 | 12/15/2016 22:32 | GOOG-TEX-00000478 | GOOG-TEX-00000482 | Email from Jerome Grateau to Jim Giles et al. | Highly Confidential |
| PTX0439 | 12/21/2016 21:24 | GOOG-DOJ-15363218 | GOOG-DOJ-15363227 | Email from Laura Goldstein to Scott Spencer et al., with attachments | Highly Confidential |
| PTX0440 | 10/5/2015 15:17 | GOOG-DOJ-14145686 | GOOG-DOJ-14145687 | Message generated by docs.google.com containing comments to document | Highly Confidential |
| PTX0441 | 1/3/2017 14:00 | GOOG-TEX-00058737 | GOOG-TEX-00058738 | Email from Pooja Kapoor to Amy Murray et al. | Highly Confidential |
| PTX0442 | 1/3/2017 22:41 | GOOG-TEX-00121203 | GOOG-TEX-00121215 | Email from Jonathan Bellack to Danielle Romain et al. | Highly Confidential |
| PTX0443 | 1/4/2017 16:42 | GOOG-DOJ-03236008 | GOOG-DOJ-03236009 | Email from Eisar Lipkovitz to Jonathan Bellack et al. | Highly Confidential |
| PTX0444 | 1/4/2017 22:59 | GOOG-TEX-00000646 | GOOG-TEX-00000654 | Email from Chris LaSala to Gargi Sur, et al. | Highly Confidential |
| PTX0445 | 1/5/2017 12:49 | GOOG-DOJ-11771801 | GOOG-DOJ-11771821 | Google presentation | Highly Confidential |
| PTX0446 | 1/6/2017 17:02 | GOOG-DOJ-04575238 | GOOG-DOJ-04575240 | Email from Sissie Hsiao to John Dukellis et al. | Highly Confidential |
| PTX0447 | 1/10/2017 1:08 | GOOG-TEX-00048384 | GOOG-TEX-00048391 | Email from Vamsee Jasti to Jonathan Bellack et al. | Highly Confidential |
| PTX0448 | 1/11/2017 3:49 | GOOG-DOJ-09469633 | GOOG-DOJ-09469636 | Email from Katharina Familia Almonte to Chris LaSala et al. | Highly Confidential |
| PTX0449 | 1/11/2017 16:22 | GOOG-TEX-00033596 | GOOG-TEX-00033602 | Email from Michael Kleber to Aparna Pappu et al. | Highly Confidential |
| PTX0450 | 1/11/2017 18:42 | GOOG-DOJ-27759161 | GOOG-DOJ-27759164 | Google document | Confidential |
| PTX0451 | 1/13/2017 14:35 | GOOG-DOJ-10635818 | GOOG-DOJ-10635826 | Email from Aparna Pappu to Jonathan Bellack et al., with attachment | Highly Confidential |
| PTX0452 | 1/19/2017 23:15 | GOOG-TEX-00104789 | GOOG-TEX-00104809 | Google presentation | Highly Confidential |
| PTX0453 | 1/20/2017 0:00 | GOOG-DOJ-05226188 | GOOG-DOJ-05226193 | Email from Jonathan Bellack to Philip Wiser et al., with attachment | Highly Confidential |
| PTX0454 | 1/25/2017 14:55 | GOOG-DOJ-11357550 | GOOG-DOJ-11357558 | Google presentation | Highly Confidential |
| PTX0455 | 1/25/2017 16:44 | GOOG-DOJ-14735657 | GOOG-DOJ-14735658 | Email from Nitish Korula to Bryan Rowley et al. | Highly Confidential |
| PTX0456 | 1/27/2017 22:02 | GOOG-DOJ-14396628 | GOOG-DOJ-14396630 | Email from Aparna Pappu to Becky Saag et al. | Highly Confidential |
| PTX0457 | 1/30/2017 0:00 | GOOG-DOJ-06852416 | GOOG-DOJ-06852417 | Email from Jonathan Bellack to Chris LaSala et al. | Highly Confidential |
| PTX0458 | 1/30/2017 15:54 | GOOG-DOJ-15364209 | GOOG-DOJ-15364210 | Email from Jonathan Bellack to Aparna Pappu et al. | Highly Confidential |
| PTX0459 | 1/30/2017 17:09 | GOOG-DOJ-06852418 | GOOG-DOJ-06852419 | Email from Jerome Grateau to Jonathan Bellack et al. | Highly Confidential |
| PTX0460 | 1/31/2017 22:23 | GOOG-DOJ-14158930 | GOOG-DOJ-14158933 | Email from Nitish Korula to Max Loubser et al. | Highly Confidential |
| PTX0461 | 2/1/2017 2:39 | GOOG-DOJ-09470144 | GOOG-DOJ-09470148 | Email from Jonathan Bellack to Aparna Pappu et al. | Highly Confidential |
| PTX0462 | 2/1/2017 13:05 | GOOG-DOJ-04425135 | GOOG-DOJ-04425139 | Email from Chris LaSala to Jonathan Bellack et al. | Highly Confidential |
| PTX0463 | 2/2/2017 13:41 | GOOG-TEX-00452857 | GOOG-TEX-00452865 | Email from Jonathan Bellack to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0464 | 2/6/2017 6:39 | GOOG-DOJ-15364548 | GOOG-DOJ-15364550 | Email from Chetna Bindra to Michael Hopkins et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0465 | 2/9/2017 20:58 | GOOG-TEX-00138857 | GOOG-TEX-00138872 | Google document | Highly Confidential |
| PTX0466 | 2/9/2017 23:10 | GOOG-DOJ-05226700 | GOOG-DOJ-05226723 | Google presentation | Highly Confidential |
| PTX0467 | 2/13/2017 22:05 | GOOG-DOJ-14102135 | GOOG-DOJ-14102136 | Email from Donny Greenberg to Jonathan Bellack et al. | Highly Confidential |
| PTX0468 | 2/14/2017 7:42 | GOOG-DOJ-15020550 | GOOG-DOJ-15020554 | Email from Naoto Akiyama to Shoho Kozawa et al. | Highly Confidential |
| PTX0469 | 2/14/2017 17:32 | GOOG-DOJ-04425512 | GOOG-DOJ-04425514 | Email from Jerome Grateau to Chris LaSala, et al. | Highly Confidential |
| PTX0470 | 2/14/2017 23:31 | GOOG-TEX-00080291 | GOOG-TEX-00080294 | Email from Liz Toth to CR-NetworksWest <cr-networkswest@google.com> et al. | Highly Confidential |
| PTX0471 | 2/17/2017 15:20 | GOOG-DOJ-13550066 | GOOG-DOJ-13550068 | Email from Eisar Lipkovitz to Ali Nasiri Amini et al. | Highly Confidential |
| PTX0472 | 2/17/2017 19:09 | GOOG-AT-MDL-B-002534759 | GOOG-AT-MDL-B-002534761 | Email from Ali Nasiri Amini to Chris Harris | Confidential |
| PTX0473 | 2/22/2017 18:41 | GOOG-DOJ-15085583 | GOOG-DOJ-15085585 | Email from Nitish Korula to Abby Toomey, et al. | Highly Confidential |
| PTX0474 | 2/23/2017 20:21 | GOOG-DOJ-06853424 | GOOG-DOJ-06853427 | Google presentation | Highly Confidential |
| PTX0475 | 2/27/2017 3:12 | GOOG-DOJ-07249067 | GOOG-DOJ-07249071 | Email from Paul Muret to Jonathan Bellack et al. | Highly Confidential |
| PTX0476 | 2/28/2017 19:13 | GOOG-TEX-00101316 | GOOG-TEX-00101316 | Email from Tobias Maurer to Brad Bender et al. | Highly Confidential |
| PTX0477 | 3/7/2017 14:32 | GOOG-TEX-00002734 | GOOG-TEX-00002969 | Google presentation | Highly Confidential |
| PTX0478 | 3/13/2017 17:25 | GOOG-DOJ-11736427 | GOOG-DOJ-11736494 | Google presentation | Highly Confidential |
| PTX0479 | 3/15/2017 9:20 | GOOG-TEX-00094574 | GOOG-TEX-00094580 | Email from Josh Cohen to Jonathan Bellack et al. | Highly Confidential |
| PTX0480 | 3/17/2017 0:00 | GOOG-DOJ-05268036 | GOOG-DOJ-05268038 | Email from Payam Shodjai to Tobias Maurer et al. | Highly Confidential |
| PTX0481 | 3/17/2017 3:16 | GOOG-TEX-00121384 | GOOG-TEX-00121460 | Google presentation | Highly Confidential |
| PTX0482 | 3/17/2017 20:52 | GOOG-DOJ-12772094 | GOOG-DOJ-12772112 | Google presentation | Highly Confidential |
| PTX0483 | 3/20/2017 14:24 | GOOG-DOJ-06523306 | GOOG-DOJ-06523348 | Google presentation | Highly Confidential |
| PTX0484 | 3/21/2017 19:36 | GOOG-DOJ-04002256 | GOOG-DOJ-04002290 | Google presentation | Highly Confidential |
| PTX0485 | 3/23/2017 14:22 | GOOG-DOJ-28420330 | GOOG-DOJ-28420340 | Google document | Confidential |
| PTX0486 | 3/23/2017 22:13 | GOOG-AT-MDL-004039971 | GOOG-AT-MDL-004039971 | Google spreadsheet | Highly Confidential |
| PTX0487 | 3/24/2017 18:59 | GOOG-AT-MDL-009560183 | GOOG-AT-MDL-009560185 | Email from Chris LaSala to Suzanna Blackburn et al. | Confidential |
| PTX0488 | 3/24/2017 19:01 | GOOG-AT-MDL-009560186 | GOOG-AT-MDL-009560189 | Email from Jonathan Bellack to Chris LaSala et al. | Confidential |
| PTX0489 | 3/24/2017 19:34 | GOOG-AT-MDL-009560190 | GOOG-AT-MDL-009560193 | Email from Max Loubser to Jonathan Bellack et al. | Confidential |
| PTX0490 | 3/24/2017 20:31 | GOOG-AT-MDL-009560194 | GOOG-AT-MDL-009560197 | Email from Gargi Sur to Max Loubser et al. | Confidential |
| PTX0491 | 3/24/2017 20:40 | GOOG-AT-MDL-009560198 | GOOG-AT-MDL-009560201 | Email from Jonathan Bellack to Gargi Sur et al. | Confidential |
| PTX0492 | 3/24/2017 20:51 | GOOG-AT-MDL-009560202 | GOOG-AT-MDL-009560205 | Email from Gargi Sur to Jonathan Bellack et al. | Confidential |
| PTX0493 | 3/24/2017 20:54 | GOOG-AT-MDL-009560206 | GOOG-AT-MDL-009560209 | Email from Jonathan Bellack to Gargi Sur et al. | Confidential |
| PTX0494 | 3/24/2017 20:56 | GOOG-AT-MDL-009560210 | GOOG-AT-MDL-009560214 | Email from Suzanne Blackburn to Gargi Sur et al. | Confidential |
| PTX0495 | 3/24/2017 20:57 | GOOG-AT-MDL-009560215 | GOOG-AT-MDL-009560219 | Email from Jonathan Bellack to Suzanne Blackburn et al. | Confidential |
| PTX0496 | 3/25/2017 2:21 | GOOG-AT-MDL-015058804 | GOOG-AT-MDL-015058808 | Email from Gargi Sur to Jonathan Bellack et al. | Confidential |
| PTX0497 | 3/25/2017 3:06 | GOOG-AT-MDL-015058809 | GOOG-AT-MDL-015058813 | Email from Nitish Korula to Gargi Sur et al. | Confidential |
| PTX0498 | 3/27/2017 18:50 | GOOG-TEX-00105603 | GOOG-TEX-00105630 | Google presentation | Highly Confidential |
| PTX0499 | 3/30/2017 0:03 | GOOG-DOJ-11772703 | GOOG-DOJ-11772703 | Google spreadsheet | Highly Confidential |
| PTX0500 | 3/30/2017 14:03 | GOOG-TEX-00094936 | GOOG-TEX-00094937 | Google document | Highly Confidential |
| PTX0501 | 3/30/2017 18:03 | GOOG-DOJ-31847985 | GOOG-DOJ-31847985 | Email from Serge Grossman to Donald Harrison | Confidential |
| PTX0502 | 3/31/2017 17:34 | GOOG-TEX-00094890 | GOOG-TEX-00094892 | Email from Alex Shellhammer to Suzanne Blackburn et al. | Highly Confidential |
| PTX0503 | 4/2/2017 19:26 | GOOG-TEX-00830729 | GOOG-TEX-00830732 | Email from Nitish Korula to George Levitte et al. | Highly Confidential |
| PTX0504 | 4/6/2017 23:04 | GOOG-DOJ-14024199 | GOOG-DOJ-14024203 | Google presentation | Highly Confidential |
| PTX0505 | 4/8/2017 18:21 | GOOG-TEX-00830787 | GOOG-TEX-00830789 | Google document | Highly Confidential |
| PTX0506 | 4/11/2017 3:10 | GOOG-AT-MDL-019500241 | GOOG-AT-MDL-019500289 | Google presentation | Confidential |
| PTX0507 | 4/12/2017 21:58 | GOOG-DOJ-15277215 | GOOG-DOJ-15277233 | Google presentation | Highly Confidential |
| PTX0508 | 4/19/2017 13:21 | GOOG-DOJ-09475820 | GOOG-DOJ-09475915 | Google presentation | Highly Confidential |
| PTX0509 | 4/26/2017 23:06 | GOOG-DOJ-15443001 | GOOG-DOJ-15443004 | Email from Max Loubser to Nirmal Jayaram et al. | Highly Confidential |
| PTX0510 | 4/27/2017 18:56 | GOOG-TEX-00105361 | GOOG-TEX-00105430 | Google presentation | Highly Confidential |
| PTX0511 | 4/28/2017 4:45 | GOOG-DOJ-06744027 | GOOG-DOJ-06744028 | Email from Chris LaSala to Jason Spero et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------------|-------------------------|-------------------------|--|---------------------|
| PTX0512 | 5/1/2017 17:48 | GOOG-DOJ-11773067 | GOOG-DOJ-11773067 | Email from Jasper Seldin to Chris LaSala et al. | Highly Confidential |
| PTX0513 | 5/2/2017 18:06 | GOOG-DOJ-11839043 | GOOG-DOJ-11839095 | Google presentation | Highly Confidential |
| PTX0514 | 5/3/2017 5:44 | GOOG-DOJ-03891330 | GOOG-DOJ-03891335 | Email from Tobias Maurer to Brad Bender, with attachment | Highly Confidential |
| PTX0515 | 5/4/2017 16:07 | GOOG-DOJ-02840391 | GOOG-DOJ-02840397 | Google presentation | Highly Confidential |
| PTX0516 | 5/8/2017 21:48 | GOOG-DOJ-13899814 | GOOG-DOJ-13899817 | Google document | Highly Confidential |
| PTX0517 | 5/15/2017 5:13 | GOOG-DOJ-10208926 | GOOG-DOJ-10208934 | Google presentation | Highly Confidential |
| PTX0518 | 5/17/2017 23:18 | GOOG-DOJ-13557023 | GOOG-DOJ-13557023 | Google spreadsheet | Highly Confidential |
| PTX0519 | 5/18/2017 13:16 | GOOG-TEX-00600559 | GOOG-TEX-00600564 | Email from Aparna Pappu to Jonathan Bellack et al. | Highly Confidential |
| PTX0520 | 5/22/2017 18:25 | GOOG-DOJ-06727388 | GOOG-DOJ-06727394 | Google document | Highly Confidential |
| PTX0521 | 5/30/2017 1:49 | GOOG-TEX-00037997 | GOOG-TEX-00038048 | Google presentation | Highly Confidential |
| PTX0522 | 5/30/2017 6:24 | GOOG-AT-MDL-019399191 | GOOG-AT-MDL-019399214 | Google document | Confidential |
| PTX0523 | 6/1/2017 16:31 | GOOG-AT-MDL-001777207 | GOOG-AT-MDL-001777226 | Google presentation | Confidential |
| PTX0524 | 6/2/2017 2:35 | GOOG-AT-MDL-001934587 | GOOG-AT-MDL-001934649 | Email from Wenchao Wang to Marco Borla, et al., with attachments | Confidential |
| PTX0525 | 6/3/2017 0:00 | GOOG-AT-MDL-000959036 | GOOG-AT-MDL-000959056 | Email from Marco Borla to Wenchao Wang et al., with attachment | Confidential |
| PTX0526 | 6/9/2017 2:48 | GOOG-DOJ-10211735 | GOOG-DOJ-10211738 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0527 | 6/14/2017 15:33 | GOOG-DOJ-13466171 | GOOG-DOJ-13466172 | Google document | Highly Confidential |
| PTX0528 | 6/14/2017 15:33 | GOOG-TEX-00966448 | GOOG-TEX-00966449 | Google document | Highly Confidential |
| PTX0529 | 6/15/2017 23:47 | GOOG-DOJ-08129106 | GOOG-DOJ-08129107 | Email from Sam Temes to Dan Taylor, et al. | Highly Confidential |
| PTX0530 | 6/19/2017 14:10 | GOOG-DOJ-04427670 | GOOG-DOJ-04427673 | Google document | Highly Confidential |
| PTX0531 | 7/7/2017 0:00 | GOOG-AT-MDL-001935192 | GOOG-AT-MDL-001935213 | Email from Marco Borla to Dominic Tang et al., with attachment | Confidential |
| PTX0532 | 7/7/2017 16:08 | GOOG-DOJ-AT-02645038 | GOOG-DOJ-AT-02645058 | Email from Marco Borla to Phillip Schindler, et al., with attachment | Highly Confidential |
| PTX0533 | 7/7/2017 16:20 | GOOG-AT-MDL-001935214 | GOOG-AT-MDL-001935235 | Email from Marco Borla to Dominic Tang, et al., with attachment | Confidential |
| PTX0534 | 7/21/2017 1:05 | GOOG-TEX-00453305 | GOOG-TEX-00453310 | Email from Jim Giles to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0535 | 7/21/2017 22:29 | GOOG-TEX-00122334 | GOOG-TEX-00122334 | Email from Jonathan Bellack to Sagnik Nandy et al. | Highly Confidential |
| PTX0536 | 7/22/2017 15:03 | GOOG-DOJ-05270358 | GOOG-DOJ-05270400 | Google presentation | Confidential |
| PTX0537 | 7/24/2017 8:20 | GOOG-DOJ-13561674 | GOOG-DOJ-13561674 | Email from Ali Nasiri Amini to Nirmal Jayaram et al. | Highly Confidential |
| PTX0538 | 7/24/2017 11:41 | GOOG-DOJ-02854344 | GOOG-DOJ-02854351 | Google presentation | Highly Confidential |
| PTX0539 | 8/9/2017 14:41 | GOOG-DOJ-29625549 | GOOG-DOJ-29625553 | Email from Nitish Korula to Philippe Fauconnier-Bank et al. | Confidential |
| PTX0540 | 8/10/2017 20:44 | GOOG-DOJ-15370015 | GOOG-DOJ-15370018 | Email from Rahul Srinivasan to Josh Cohen et al. | Highly Confidential |
| PTX0541 | 8/11/2017 15:12 | GOOG-DOJ-14162326 | GOOG-DOJ-14162328 | Email from Rita Ren to Martin Pál et al. | Highly Confidential |
| PTX0542 | 8/11/2017 16:52 | GOOG-DOJ-14162335 | GOOG-DOJ-14162338 | Email from Jim Giles to Nitish Korula et al. | Highly Confidential |
| PTX0543 | 8/16/2017 13:52 | GOOG-AT-MDL-B-004673058 | GOOG-AT-MDL-B-004673062 | Email from Martin Pál to Vivek Rao et al. | Confidential |
| PTX0544 | 8/18/2017 19:24 | GOOG-TEX-00151409 | GOOG-TEX-00151419 | Google document | Highly Confidential |
| PTX0545 | 8/20/2017 21:13 | GOOG-DOJ-07825115 | GOOG-DOJ-07825117 | Email from Nirmal Jayaram to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0546 | 8/28/2017 14:26 | GOOG-DOJ-05316504 | GOOG-DOJ-05316508 | Email from Jonathan Bellack to Jason Pellegrino et al. | Highly Confidential |
| PTX0547 | 8/28/2017 23:10 | GOOG-DOJ-04429792 | GOOG-DOJ-04429816 | Google presentation | Highly Confidential |
| PTX0548 | 8/31/2017 23:32 | GOOG-AT-MDL-008612718 | GOOG-AT-MDL-008612735 | Google document | Confidential |
| PTX0549 | 9/1/2017 0:00 | GOOG-DOJ-06877073 | GOOG-DOJ-06877151 | Google presentation | Confidential |
| PTX0550 | 9/2/2017 5:47 | GOOG-AT-MDL-B-002114380 | GOOG-AT-MDL-B-002114380 | Email from Ali Nasiri Amini to Bahman Rabii | Confidential |
| PTX0551 | 9/5/2017 5:08 | GOOG-DOJ-04830048 | GOOG-DOJ-04830049 | Email from Donald Harrison to Michelle Sarlo Dauwalter | Highly Confidential |
| PTX0552 | 9/5/2017 18:04 | GOOG-DOJ-02854561 | GOOG-DOJ-02854562 | Email from Jonathan Bellack to Ali Nasiri Amini et al. | Highly Confidential |
| PTX0553 | 9/13/2017 16:35 | GOOG-DOJ-05272070 | GOOG-DOJ-05272076 | Email from Eisar Lipkovitz to Aparna Pappu et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0554 | 9/20/2017 18:21 | GOOG-DOJ-28365982 | GOOG-DOJ-28365986 | Google document | Confidential |
| PTX0555 | 9/29/2017 23:10 | GOOG-AT-MDL-001937115 | GOOG-AT-MDL-001937120 | Email from Ezra Brettler to Sierra Feitshans et al. | Confidential |
| PTX0556 | 10/5/2017 6:17 | GOOG-AT-MDL-B-001273193 | GOOG-AT-MDL-B-001273214 | Email from Marco Borla to Sridhar Ramaswamy, et al., with attachment | Confidential |
| PTX0557 | 10/5/2017 15:14 | GOOG-DOJ-AT-02645486 | GOOG-DOJ-AT-02645507 | Email from Marco Borla to Sridhar Ramaswamy, et al., with attachment | Highly Confidential |
| PTX0558 | 10/5/2017 15:20 | GOOG-DOJ-AT-02642501 | GOOG-DOJ-AT-02642522 | Email from Marco Borla to Danielle Romain, with attachment | Highly Confidential |
| PTX0559 | 10/10/2017 6:04 | MSFT-LIT-0000046646 | MSFT-LIT-0000046686 | Microsoft document | Highly Confidential |
| PTX0560 | 10/10/2017 16:58 | GOOG-AT-MDL-B-001273236 | GOOG-AT-MDL-B-001273261 | Email from Marco Borla to Sridhar Ramaswamy, et al., with attachment | Confidential |
| PTX0561 | 10/11/2017 5:29 | GOOG-AT-MDL-B-002541353 | GOOG-AT-MDL-B-002541354 | Email from Ali Nasiri Amini to Eu-Jin Goh | Confidential |
| PTX0562 | 11/4/2017 19:59 | GOOG-TEX-00106259 | GOOG-TEX-00106262 | Email from Jim Giles to Eisar Lipkovitz et al. | Highly Confidential |
| PTX0563 | 11/9/2017 12:44 | GOOG-AT-MDL-B-002115457 | GOOG-AT-MDL-B-002115458 | Email from Nitish Korula to Nirmal Jayaram et al. | Confidential |
| PTX0564 | 11/10/2017 13:54 | GOOG-DOJ-12760173 | GOOG-DOJ-12760181 | Email from David Goodman to Chris LaSala et al. | Highly Confidential |
| PTX0565 | 11/14/2017 16:46 | GOOG-AT-MDL-014569995 | GOOG-AT-MDL-014569996 | Email from Max Loubser to Rahul Srinivasan | Confidential |
| PTX0566 | 11/29/2017 15:39 | GOOG-DOJ-09729045 | GOOG-DOJ-09729048 | Email from Danielle Romain to Sridhar Ramasamy | Highly Confidential |
| PTX0567 | 12/6/2017 5:46 | GOOG-DOJ-10640239 | GOOG-DOJ-10640243 | Email from Eisar Lipkovitz to Aparna Pappu et al. | Highly Confidential |
| PTX0568 | 12/7/2017 0:00 | GOOG-AT-MDL-012011646 | GOOG-AT-MDL-012011649 | Email from Allison Martucci to Cameron Clayton et al., with attachment | Highly Confidential |
| PTX0569 | 12/12/2017 23:01 | GOOG-AT-MDL-B-002544075 | GOOG-AT-MDL-B-002544077 | Google document | Confidential |
| PTX0570 | 12/14/2017 16:48 | GOOG-TEX-00084860 | GOOG-TEX-00084862 | Email from Nitish Korula to Glenn Berntson et al. | Highly Confidential |
| PTX0571 | 12/15/2017 22:32 | GOOG-AT-MDL-B-002116057 | GOOG-AT-MDL-B-002116057 | Message from Ajay Bangla to Ali Amini | Confidential |
| PTX0572 | 12/20/2017 15:42 | GOOG-AT-MDL-012509436 | GOOG-AT-MDL-012509438 | Email from Chris LaSala to Jim Giles et al. | Confidential |
| PTX0573 | 12/21/2017 0:00 | GOOG-AT-MDL-019566874 | GOOG-AT-MDL-019566882 | Google document | Highly Confidential |
| PTX0574 | 1/1/2018 0:00 | GOOG-DOJ-03595730 | GOOG-DOJ-03595753 | Google document | Highly Confidential |
| PTX0575 | 1/1/2018 0:00 | GOOG-DOJ-03596195 | GOOG-DOJ-03596218 | Google presentation | Highly Confidential |
| PTX0576 | 1/1/2018 0:00 | GOOG-DOJ-04451152 | GOOG-DOJ-04451175 | Google presentation | Highly Confidential |
| PTX0577 | 1/4/2018 17:26 | GOOG-AT-MDL-000963979 | GOOG-AT-MDL-000964003 | Email from Marco Borla to Seema Pandya, et al., with attachment | Highly Confidential |
| PTX0578 | 1/9/2018 19:33 | GOOG-DOJ-12760399 | GOOG-DOJ-12760408 | Google document | Confidential |
| PTX0579 | 1/16/2018 10:27 | GOOG-DOJ-03238507 | GOOG-DOJ-03238525 | Google presentation | Highly Confidential |
| PTX0580 | 2/5/2018 20:20 | FBDOJ003260795 | FBDOJ003260822 | Email from Brian Boland to Dan Rose et al., with attachments | Confidential |
| PTX0581 | 2/28/2018 18:07 | FBDOJGOOG 00028977 | FBDOJGOOG 00028993 | Email from Priti Youssef Choksi to Brian Boland et al., with attachment | Confidential |
| PTX0582 | 3/2/2018 1:34 | GOOG-AT-MDL-019427179 | GOOG-AT-MDL-019427215 | Google presentation | Confidential |
| PTX0583 | 3/5/2018 20:40 | GOOG-AT-MDL-007375652 | GOOG-AT-MDL-007375652 | Email from Martin Pal to Oliver Zee et al. | Confidential |
| PTX0584 | 3/7/2018 14:22 | GOOG-AT-MDL-B-002838050 | GOOG-AT-MDL-B-002838052 | Email from Martin Pal to Li Grabenstein et al. | Confidential |
| PTX0585 | 3/14/2018 22:13 | GOOG-DOJ-09876316 | GOOG-DOJ-09876329 | Google presentation | Highly Confidential |
| PTX0586 | 3/16/2018 16:59 | GOOG-DOJ-03896573 | GOOG-DOJ-03896575 | Email from Jonathan Bellack to Brad Bender | Highly Confidential |
| PTX0587 | 3/16/2018 18:05 | GOOG-DOJ-05276794 | GOOG-DOJ-05276796 | Email from Payam Shodjai to Brad Bender | Highly Confidential |
| PTX0588 | 3/16/2018 18:20 | GOOG-DOJ-09429821 | GOOG-DOJ-09429824 | Email from Nirmal Jayaram to Tobias Maurer et al. | Highly Confidential |
| PTX0589 | 3/16/2018 18:43 | GOOG-DOJ-09429825 | GOOG-DOJ-09429828 | Email from Tobias Maurer to Nirmal Jayaram et al. | Highly Confidential |
| PTX0590 | 3/23/2018 17:48 | GOOG-TEX-00090751 | GOOG-TEX-00090752 | Email from Chris LaSala to Jonathan Bellack et al. | Highly Confidential |
| PTX0591 | 3/26/2018 13:59 | GOOG-DOJ-03913653 | GOOG-DOJ-03913752 | Google presentation | Highly Confidential |
| PTX0592 | 4/6/2018 20:52 | GOOG-AT-MDL-B-001276241 | GOOG-AT-MDL-B-001276268 | Email from Marco Borla to Phillip Schindler, et al., with attachment | Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------------|-----------------------|-----------------------|---|---------------------|
| PTX0593 | 4/6/2018 22:02 | GOOG-AT-MDL-000965391 | GOOG-AT-MDL-000965418 | Email from Marco Borla to Dominic Tang, et al., with attachment | Confidential |
| PTX0594 | 4/12/2018 2:10 | GOOG-DOJ-05548306 | GOOG-DOJ-05548307 | Email from Eisar Lipkovitz to Carlos Kirjner et al. | Highly Confidential |
| PTX0595 | 4/12/2018 15:52 | GOOG-DOJ-04725043 | GOOG-DOJ-04725046 | Email from Eisar Lipkovitz to Johnathan Bellack et al. | Highly Confidential |
| PTX0596 | 4/13/2018 0:35 | GOOG-AT-MDL-014262058 | GOOG-AT-MDL-014262058 | Email from Johnathan Bellack to Payan Shodjai | Confidential |
| PTX0597 | 4/16/2018 16:01 | GOOG-DOJ-13587578 | GOOG-DOJ-13587590 | Google document | Highly Confidential |
| PTX0598 | 4/23/2019 14:24 | GOOG-DOJ-04720129 | GOOG-DOJ-04720132 | Google document | Highly Confidential |
| PTX0599 | 4/19/2018 20:49 | GOOG-DOJ-10267305 | GOOG-DOJ-10267307 | Email from Nirmal Jayaram to Tobias Maurer et al. | Highly Confidential |
| PTX0600 | 5/1/2018 0:30 | GOOG-DOJ-07275375 | GOOG-DOJ-07275518 | Google document | Confidential |
| PTX0601 | 5/2/2018 23:42 | GOOG-TEX-00109946 | GOOG-TEX-00110008 | Google presentation | Highly Confidential |
| PTX0602 | 5/7/2018 14:07 | GOOG-DOJ-06871934 | GOOG-DOJ-06871943 | Google document | Highly Confidential |
| PTX0603 | 5/9/2018 22:09 | GOOG-DOJ-12581761 | GOOG-DOJ-12581762 | Email from Eisar Lipkovitz to Aparna Pappu et al. | Highly Confidential |
| PTX0604 | 5/10/2018 20:25 | GOOG-DOJ-03070314 | GOOG-DOJ-03070320 | Google presentation | Highly Confidential |
| PTX0605 | 5/10/2018 21:28 | GOOG-DOJ-05277697 | GOOG-DOJ-05277703 | Email from Jonathan Bellack to Aparna Pappu et al. | Highly Confidential |
| PTX0606 | 5/22/2018 14:53 | GOOG-DOJ-13472672 | GOOG-DOJ-13472673 | Email from Sam Cox to Rob Hazan | Highly Confidential |
| PTX0607 | 5/22/2018 21:22 | GOOG-DOJ-12761045 | GOOG-DOJ-12761058 | Google presentation | Highly Confidential |
| PTX0608 | 5/29/2018 14:49 | GOOG-DOJ-03239780 | GOOG-DOJ-03239798 | Google presentation | Highly Confidential |
| PTX0609 | 5/31/2018 13:58 | GOOG-DOJ-13473146 | GOOG-DOJ-13473147 | Email from Martin Pal to Nitish Korula et al. | Highly Confidential |
| PTX0610 | 6/1/2018 17:55 | GOOG-DOJ-32566958 | GOOG-DOJ-32566958 | Email from Rahul Srinivasan to Nitish Korula et al. | Confidential |
| PTX0611 | 6/11/2018 21:06 | GOOG-TEX-00124787 | GOOG-TEX-00124807 | Google presentation | Highly Confidential |
| PTX0612 | 6/14/2018 15:09 | GOOG-DOJ-11781035 | GOOG-DOJ-11781035 | Message from Aparna Pappu to Chris LaSala et al. | Highly Confidential |
| PTX0613 | 6/19/2018 18:17 | GOOG-DOJ-11781099 | GOOG-DOJ-11781103 | Email from Gabe Kronstadt to Chris LaSala et al., with attachment | Highly Confidential |
| PTX0614 | 6/19/2018 15:18 | GOOG-DOJ-11347848 | GOOG-DOJ-11347848 | Email from David Goodman to Payam Shodjai et al. | Highly Confidential |
| PTX0615 | 6/20/2018 12:50 | GOOG-DOJ-32327167 | GOOG-DOJ-32327167 | Message from Chris LaSala to Sissie Hsiao et al. | Confidential |
| PTX0616 | 6/20/2018 15:24 | GOOG-DOJ-13975976 | GOOG-DOJ-13975978 | Email from Nirmal Jayaram to Jim Giles et al. | Highly Confidential |
| PTX0617 | 6/20/2018 16:30 | GOOG-DOJ-07829351 | GOOG-DOJ-07829351 | Message from Kenny Kaiser to Brad Bender et al. | Highly Confidential |
| PTX0618 | 6/20/2018 17:59 | GOOG-DOJ-32034896 | GOOG-DOJ-32034898 | Email from Apartna Pappu to Noam Wolf et al. | Confidential |
| PTX0619 | 6/21/2018 17:50 | GOOG-DOJ-12947505 | GOOG-DOJ-12947508 | Email from Max Lin to Tim Lipus et al. | Highly Confidential |
| PTX0620 | 6/21/2018 17:50 | GOOG-TEX-00096393 | GOOG-TEX-00096397 | Email from Max Lin to Tim Lipus et al. | Highly Confidential |
| PTX0621 | 6/21/2018 22:17 | GOOG-DOJ-09704427 | GOOG-DOJ-09704428 | Message from Rahul Srinivasan to Sissie Hsiao et al. | Highly Confidential |
| PTX0622 | 6/21/2018 22:12 | GOOG-DOJ-07829362 | GOOG-DOJ-07829363 | Message from Rahul Srinivasan to Brad Bender et al. | Highly Confidential |
| PTX0623 | 6/25/2018 12:08 | GOOG-AT-MDL-008952713 | GOOG-AT-MDL-008952715 | Message from Jim Giles to Rahul Srinivasan et al. | Confidential |
| PTX0624 | 6/27/2018 4:42 | GOOG-DOJ-27767168 | GOOG-DOJ-27767171 | Email from Chris LaSala to Carlos Kirjner | Confidential |
| PTX0625 | 7/6/2018 1:45 | GOOG-DOJ-07829410 | GOOG-DOJ-07829411 | Message from Jonathan Bellack to Brad Bender et al. | Highly Confidential |
| PTX0626 | 7/9/2018 19:28 | GOOG-DOJ-14426577 | GOOG-DOJ-14426581 | Google document | Highly Confidential |
| PTX0627 | 7/9/2018 20:12 | GOOG-TEX-00905784 | GOOG-TEX-00905796 | Email from Martin Pal to Roshan Khan et al. | Highly Confidential |
| PTX0628 | 7/10/2018 15:58 | GOOG-DOJ-13414967 | GOOG-DOJ-13414969 | Email from David Goodman to Jonathan Bellack | Highly Confidential |
| PTX0629 | 7/11/2018 19:25 | GOOG-DOJ-13415080 | GOOG-DOJ-13415080 | Email from Max Lin to Jonathan Bellack et al. | Highly Confidential |
| PTX0630 | 7/11/2018 19:39 | GOOG-DOJ-13415081 | GOOG-DOJ-13415081 | Email from Jonathan Bellack to Max Lin et al. | Highly Confidential |
| PTX0631 | 7/12/2018 19:15 | GOOG-DOJ-07829417 | GOOG-DOJ-07829423 | Email from Michael Hopkins to Leah Calderone et al. | Highly Confidential |
| PTX0632 | 7/13/2018 1:13 | GOOG-DOJ-15115878 | GOOG-DOJ-15115881 | Email from Eisar Lipkovitz to Carlos Kirjner et al. | Highly Confidential |
| PTX0633 | 7/13/2018 19:51 | GOOG-DOJ-10733927 | GOOG-DOJ-10733963 | Google presentation | Highly Confidential |
| PTX0634 | 7/16/2018 13:44 | GOOG-DOJ-09159964 | GOOG-DOJ-09159987 | Google presentation | Highly Confidential |
| PTX0635 | 7/19/2018 22:34 | GOOG-DOJ-07276976 | GOOG-DOJ-07276980 | Google document | Highly Confidential |
| PTX0636 | 7/23/2018 15:53 | GOOG-DOJ-10658880 | GOOG-DOJ-10658881 | Message from Dan Taylor to Deepti Bhatnagar et al. | Highly Confidential |
| PTX0637 | 7/31/2018 3:40 | GOOG-DOJ-10957237 | GOOG-DOJ-10957239 | Message from Sagnik Nandy to Chris LaSala et al. | Highly Confidential |
| PTX0638 | 8/3/2018 19:03 | GOOG-DOJ-03998505 | GOOG-DOJ-03998508-008 | Google document | Confidential |
| PTX0639 | 8/6/2018 11:37 | GOOG-DOJ-11781965 | GOOG-DOJ-11781965 | Message from Jim Giles to Chris LaSala et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-------------------------|-------------------------|--|---------------------|
| PTX0640 | 8/7/2018 16:19 | GOOG-DOJ-07799709 | GOOG-DOJ-07799711 | Email from Bonita Stewart to Chris LaSala et al. | Highly Confidential |
| PTX0641 | 8/7/2018 18:09 | GOOG-DOJ-10414858 | GOOG-DOJ-10414864 | Email from Duke Dukellis to Nitish Korula et al. | Highly Confidential |
| PTX0642 | 8/8/2018 0:00 | GOOG-AT-MDL-C-000008293 | GOOG-AT-MDL-C-000008352 | Google document | Confidential |
| PTX0643 | 8/9/2018 20:19 | GOOG-DOJ-03634544 | GOOG-DOJ-03634559 | Google presentation | Highly Confidential |
| PTX0644 | 8/14/2018 23:13 | GOOG-DOJ-04004237 | GOOG-DOJ-04004239 | Email from Chris LaSala to Donald Harrison | Highly Confidential |
| PTX0645 | 8/16/2018 2:34 | GOOG-DOJ-05532201 | GOOG-DOJ-05532208 | Google document | Highly Confidential |
| PTX0646 | 8/17/2018 3:26 | GOOG-DOJ-08471703 | GOOG-DOJ-08471704 | Email from Chris LaSala to Donald Harrison et al. | Highly Confidential |
| PTX0647 | 8/30/2018 0:00 | GOOG-DOJ-13597316 | GOOG-DOJ-13597322 | Email from Ajay Bangla to Tobias Maurer et al. | Highly Confidential |
| PTX0648 | 8/30/2018 1:51 | GOOG-AT-MDL-B-003167073 | GOOG-AT-MDL-B-003167091 | Google document | Confidential |
| PTX0649 | 9/4/2018 19:24 | GOOG-AT-MDL-009452636 | GOOG-AT-MDL-009452636 | Message from Bhanu Narasimhan to Courtney Kuhl et al. | Confidential |
| PTX0650 | 9/4/2018 19:24 | GOOG-AT-MDL-010351820 | GOOG-AT-MDL-010351820 | Message from Bhanu Narasimhan to Courtney Rose et al. | Confidential |
| PTX0651 | 9/4/2018 19:24 | GOOG-AT-MDL-011596533 | GOOG-AT-MDL-011596533 | Message from Bhanu Narasimhan to Courtney Rose et al. | Confidential |
| PTX0652 | 9/6/2018 22:44 | GOOG-DOJ-15126801 | GOOG-DOJ-15126801 | Email from Fabrizio Angelini to Rahul Srinivasan et al. | Highly Confidential |
| PTX0653 | 9/7/2018 22:01 | GOOG-DOJ-10957587 | GOOG-DOJ-10957588 | Email from Chris LaSala to Rahul Srinivasan et al. | Highly Confidential |
| PTX0654 | 9/9/2018 0:42 | GOOG-DOJ-13598644 | GOOG-DOJ-13598645 | Email from launch@google.com to Google employees | Highly Confidential |
| PTX0655 | 9/19/2018 1:47 | GOOG-DOJ-10669120 | GOOG-DOJ-10669122 | Email from Donald Harrison to Phillip Schindler | Highly Confidential |
| PTX0656 | 9/10/2018 15:06 | GOOG-DOJ-04004392 | GOOG-DOJ-04004402 | Google document | Highly Confidential |
| PTX0657 | 9/11/2018 13:48 | GOOG-DOJ-04442323 | GOOG-DOJ-04442372 | Google presentation | Highly Confidential |
| PTX0658 | 9/12/2018 14:47 | GOOG-DOJ-11864107 | GOOG-DOJ-11864110 | Email from Payam Shodjai to Vlad Sinaniyev et al. | Highly Confidential |
| PTX0659 | 9/12/2018 19:36 | GOOG-DOJ-15151724 | GOOG-DOJ-15151728 | Google document | Highly Confidential |
| PTX0660 | 9/13/2018 14:20 | GOOG-AT-MDL-008961022 | GOOG-AT-MDL-008961024 | Email from Rahul Srinivasan to Nitish Korula | Confidential |
| PTX0661 | 9/13/2018 21:07 | GOOG-DOJ-09441506 | GOOG-DOJ-09441507 | Email from Chris LaSala to Philipp Schindler et al. | Highly Confidential |
| PTX0662 | 9/18/2018 20:58 | GOOG-TEX-00124960 | GOOG-TEX-00124963 | Email from Jonathan Bellack to Michael Hopkins et al. | Highly Confidential |
| PTX0663 | 9/20/2018 15:49 | GOOG-DOJ-03900135 | GOOG-DOJ-03900142 | Google document | Highly Confidential |
| PTX0664 | 9/25/2018 18:29 | GOOG-DOJ-11392497 | GOOG-DOJ-11392504 | Google document | Highly Confidential |
| PTX0665 | 9/26/2018 0:00 | GOOG-AT-MDL-019567328 | GOOG-AT-MDL-019567335 | Google document | Highly Confidential |
| PTX0666 | 9/29/2018 5:02 | GOOG-DOJ-07800101 | GOOG-DOJ-07800104 | Google document | Highly Confidential |
| PTX0667 | 10/1/2018 21:47 | GOOG-DOJ-09163024 | GOOG-DOJ-09163030 | Google document | Highly Confidential |
| PTX0668 | 10/4/2018 18:32 | GOOG-DOJ-05282625 | GOOG-DOJ-05282671 | Google presentation | Highly Confidential |
| PTX0669 | 10/5/2018 21:35 | GOOG-DOJ-AT-02645132 | GOOG-DOJ-AT-02645158 | Email from Marco Borla to Phillipp Schindler, et al., with attachments | Highly Confidential |
| PTX0670 | 10/5/2018 21:57 | GOOG-DOJ-11783062 | GOOG-DOJ-11783063 | Google Calendar notification | Highly Confidential |
| PTX0671 | 10/5/2018 22:41 | GOOG-DOJ-04451151 | GOOG-DOJ-04451199 | Email from Carlos Kirjner to Prabhakar Raghavan, with attachment | Highly Confidential |
| PTX0672 | 10/11/2018 0:28 | GOOG-DOJ-13218256 | GOOG-DOJ-13218266 | Google document | Highly Confidential |
| PTX0673 | 10/11/2018 21:31 | GOOG-DOJ-12038222 | GOOG-DOJ-12038222 | Google spreadsheet | Highly Confidential |
| PTX0674 | 10/19/2018 21:17 | GOOG-TEX-00107590 | GOOG-TEX-00107594 | Email from Chris LaSala to Keith Weisberg et al. | Highly Confidential |
| PTX0675 | 10/23/2018 1:30 | GOOG-DOJ-03900426 | GOOG-DOJ-03900434 | Email from Matt Guio to Danielle Romain et al., with attachment | Highly Confidential |
| PTX0676 | 10/23/2018 23:37 | GOOG-DOJ-03240360 | GOOG-DOJ-03240376 | Google presentation | Highly Confidential |
| PTX0677 | 10/25/2018 0:42 | GOOG-DOJ-AT-00587215 | GOOG-DOJ-AT-00587216 | Email from Jay Glogovsky to Balasubramanian Sivan et al. | Highly Confidential |
| PTX0678 | 10/27/2018 1:28 | GOOG-DOJ-05282937 | GOOG-DOJ-05282948 | Google document | Highly Confidential |
| PTX0679 | 11/5/2018 23:08 | GOOG-DOJ-05283173 | GOOG-DOJ-05283188 | Google presentation | Highly Confidential |
| PTX0680 | 11/15/2018 17:03 | GOOG-DOJ-AT-00849033 | GOOG-DOJ-AT-00849034 | Email from Sissie Hsiao to P. Shodjai | Highly Confidential |
| PTX0681 | 11/28/2018 0:00 | GOOG-DOJ-15225079 | GOOG-DOJ-15225081 | Email from Jim Giles to Florie Arlegui et al. | Confidential |
| PTX0682 | 11/30/2018 2:22 | GOOG-AT-MDL-001412439 | GOOG-AT-MDL-001412440 | Google document | Confidential |
| PTX0683 | 12/5/2018 15:40 | GOOG-DOJ-15127287 | GOOG-DOJ-15127289 | Email from Michael Hopkins to Florie Arlegui et al. | Confidential |
| PTX0684 | 12/6/2018 18:37 | GOOG-DOJ-07832481 | GOOG-DOJ-07832485 | Email from Nirmal Jayaram to David Maymudes et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-------------------------|---------------------------|---|---------------------|
| PTX0685 | 12/7/2018 18:53 | GOOG-DOJ-03153058 | GOOG-DOJ-03153083 | Google presentation | Highly Confidential |
| PTX0686 | 12/9/2018 1:53 | GOOG-DOJ-05285023 | GOOG-DOJ-05285232 | Google presentation | Highly Confidential |
| PTX0687 | 12/19/2018 19:30 | GOOG-AT-MDL-007365297 | GOOG-AT-MDL-007365297-037 | Google presentation | Confidential |
| PTX0688 | 12/19/2018 22:54 | GOOG-DOJ-10295288 | GOOG-DOJ-10295294 | Email from Ali Nasiri Amini to Nirmal Jayaram et al. | Highly Confidential |
| PTX0689 | 12/20/2018 2:00 | GOOG-DOJ-12702407 | GOOG-DOJ-12702407 | Email from Chris LaSala to Jonathan Bellack et al. | Highly Confidential |
| PTX0690 | 12/21/2018 15:44 | GOOG-DOJ-03332135 | GOOG-DOJ-03332222 | Google presentation | Highly Confidential |
| PTX0691 | 12/28/2018 21:56 | GOOG-DOJ-12700111 | GOOG-DOJ-12700114 | Email from Payam Shodjai to Google Employees | Highly Confidential |
| PTX0692 | 1/1/2019 0:00 | GOOG-DOJ-03596728 | GOOG-DOJ-03596751 | Google presentation | Highly Confidential |
| PTX0693 | 1/1/2019 0:00 | GOOG-DOJ-03597207 | GOOG-DOJ-03597230 | Google presentation | Highly Confidential |
| PTX0694 | 1/1/2019 0:00 | GOOG-DOJ-03597654 | GOOG-DOJ-03597677 | Google presentation | Highly Confidential |
| PTX0695 | 1/3/2019 15:50 | GOOG-DOJ-AT-00588455 | GOOG-DOJ-AT-00588456 | Email from Nitish Korula to Rahul Srinivasan | Highly Confidential |
| PTX0696 | 1/3/2019 23:04 | GOOG-DOJ-AT-00566835 | GOOG-DOJ-AT-00566857 | Google document | Highly Confidential |
| PTX0697 | 1/4/2019 3:23 | GOOG-DOJ-13221355 | GOOG-DOJ-13221363 | Google document | Highly Confidential |
| PTX0698 | 1/4/2019 13:40 | GOOG-DOJ-13604021 | GOOG-DOJ-13604023 | Email from Sam Temes to Rahul Srinivasan et al. | Highly Confidential |
| PTX0699 | 1/4/2019 16:12 | GOOG-DOJ-AT-01680260 | GOOG-DOJ-AT-01680265 | Email from Nitish Korula to Dan Taylor et al. | Highly Confidential |
| PTX0700 | 1/4/2019 21:40 | GOOG-DOJ-12966821 | GOOG-DOJ-12966826 | Email from Chris LaSala to Nitish Korula et al. | Highly Confidential |
| PTX0701 | 1/4/2019 21:48 | GOOG-DOJ-AT-00060011 | GOOG-DOJ-AT-00060017 | Google presentation | Highly Confidential |
| PTX0702 | 1/5/2019 20:59 | GOOG-DOJ-AT-00566912 | GOOG-DOJ-AT-00566913 | Email from Nitish Korula to Ali Nasiri Amini et al. | Highly Confidential |
| PTX0703 | 1/7/2019 15:13 | GOOG-DOJ-AT-01680301 | GOOG-DOJ-AT-01680308 | Email from Rahul Srinivasan to Jessica Staples et al. | Highly Confidential |
| PTX0704 | 1/7/2019 22:24 | GOOG-DOJ-13604421 | GOOG-DOJ-13604425 | Message from Rahul Srinivasan to Nitish Korula et al. | Highly Confidential |
| PTX0705 | 1/9/2019 4:46 | GOOG-DOJ-AT-02640072 | GOOG-DOJ-AT-02640105 | Google presentation | Highly Confidential |
| PTX0706 | 1/9/2019 18:35 | GOOG-DOJ-AT-01017066 | GOOG-DOJ-AT-01017068 | Email from Nitish Korula to Bahman Rabii et al. | Highly Confidential |
| PTX0707 | 1/10/2019 17:35 | GOOG-DOJ-AT-00810221 | GOOG-DOJ-AT-00810221 | Message from Bryan Rowley to Scott Scheffer | Highly Confidential |
| PTX0708 | 1/10/2019 20:27 | GOOG-AT-MDL-B-000825369 | GOOG-AT-MDL-B-000825395 | Email from Marco Borla to Phillipp Schindler, with attachment | Highly Confidential |
| PTX0709 | 1/10/2019 21:04 | GOOG-DOJ-03651918 | GOOG-DOJ-03651943 | Email from Marco Borla to Prabhakar Raghavan, et al., with attachment | Highly Confidential |
| PTX0710 | 1/10/2019 21:04 | GOOG-AT-MDL-B-000223532 | GOOG-AT-MDL-B-000223558 | Email from Marco Borla to Prabhakar Raghavan, et al., with attachment | Highly Confidential |
| PTX0711 | 1/4/2019 0:13 | GOOG-DOJ-AT-00066735 | GOOG-DOJ-AT-00066739 | Email from Nirmal Jayaram to Ehsan Maani et al. | Highly Confidential |
| PTX0712 | 1/14/2019 0:39 | GOOG-DOJ-28501644 | GOOG-DOJ-28501652 | Google document | Confidential |
| PTX0713 | 1/14/2019 18:34 | GOOG-DOJ-AT-02642666 | GOOG-DOJ-AT-02642691 | Email from Marco Borla to Seema Pandya et al., with attachment | Highly Confidential |
| PTX0714 | 1/15/2019 20:01 | GOOG-AT-MDL-007031286 | GOOG-AT-MDL-007031286 | Email from Sandra Robles to Nithya Sowrirajan et al. | Highly Confidential |
| PTX0715 | 1/16/2019 19:00 | GOOG-DOJ-AT-01019429 | GOOG-DOJ-AT-01019429-009 | Email from Tobias Maurer to Chris LaSala et al. | Highly Confidential |
| PTX0716 | 1/17/2019 2:35 | GOOG-DOJ-03901693 | GOOG-DOJ-03901713 | Google presentation | Highly Confidential |
| PTX0717 | 1/17/2019 14:30 | GOOG-DOJ-AT-00567159 | GOOG-DOJ-AT-00567161 | Email from Nitish Korula to Albert Chen et al. | Highly Confidential |
| PTX0718 | 1/24/2019 21:46 | GOOG-DOJ-AT-02113022 | GOOG-DOJ-AT-02113022-009 | Email from David Goodman to Kenny Kaiser | Highly Confidential |
| PTX0719 | 1/29/2019 15:52 | GOOG-DOJ-AT-01019463 | GOOG-DOJ-AT-01019468 | Email from Chris LaSala to Noam Wolf | Highly Confidential |
| PTX0720 | 2/4/2019 21:10 | GOOG-DOJ-14035958 | GOOG-DOJ-14035962 | Email from Kaleigh Rosenblat to David Goodman et al. | Highly Confidential |
| PTX0721 | 2/6/2019 0:00 | GOOG-DOJ-13607150 | GOOG-DOJ-13607152 | Email from Ali Nasiri Amini to Meihui Xie et al. | Highly Confidential |
| PTX0722 | 2/6/2019 0:01 | GOOG-DOJ-AT-00567481 | GOOG-DOJ-AT-00567481 | Email from Ehsan Maani to Nirmal Jayaram | Highly Confidential |
| PTX0723 | 2/6/2019 22:50 | GOOG-AT-MDL-001422325 | GOOG-AT-MDL-001422327 | Email from Yumin Guo to Ayodele Marcus et al. | Confidential |
| PTX0724 | 2/7/2019 12:09 | GOOG-DOJ-07957145 | GOOG-DOJ-07957200 | Google presentation | Highly Confidential |
| PTX0725 | 2/8/2019 0:14 | GOOG-DOJ-11723465 | GOOG-DOJ-11723471 | Google document | Highly Confidential |
| PTX0726 | 2/8/2019 19:56 | GOOG-DOJ-07285943 | GOOG-DOJ-07285967 | Google presentation | Highly Confidential |
| PTX0727 | 2/11/2019 21:17 | GOOG-DOJ-09167513 | GOOG-DOJ-09167521 | Google presentation | Highly Confidential |
| PTX0728 | 2/12/2019 14:56 | GOOG-DOJ-AT-02136565 | GOOG-DOJ-AT-02136569 | Google presentation | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0730 | 2/15/2019 0:00 | GOOG-DOJ-13607854 | GOOG-DOJ-13607856 | Email from Roshan Khan to Nick Danziger et al. | Highly Confidential |
| PTX0731 | 2/20/2019 0:20 | GOOG-DOJ-AT-01077833 | GOOG-DOJ-AT-01077843 | Google presentation | Confidential |
| PTX0732 | 2/20/2019 18:44 | GOOG-DOJ-12114691 | GOOG-DOJ-12114695 | Google presentation | Highly Confidential |
| PTX0733 | 2/26/2019 6:29 | GOOG-DOJ-AT-00568035 | GOOG-DOJ-AT-00568036 | Google presentation | Highly Confidential |
| PTX0734 | 3/1/2019 14:53 | GOOG-DOJ-12857594 | GOOG-DOJ-12857598 | Email from Ali Amini to Sam Temes et al. | Highly Confidential |
| PTX0735 | 3/3/2019 18:44 | GOOG-DOJ-15772410 | GOOG-DOJ-15772411 | Google document | Highly Confidential |
| PTX0736 | 3/4/2019 1:20 | GOOG-TEX-00108186 | GOOG-TEX-00108193 | Email from Chris LaSala to Fabrizio Angelini et al. | Highly Confidential |
| PTX0737 | 3/4/2019 5:10 | GOOG-DOJ-AT-00568160 | GOOG-DOJ-AT-00568160 | Email from Ali Nasiri Amini to Nirmal Jayaram | Highly Confidential |
| PTX0738 | 3/6/2019 23:04 | GOOG-DOJ-07833398 | GOOG-DOJ-07833399 | Google document | Highly Confidential |
| PTX0739 | 3/8/2019 21:20 | GOOG-DOJ-AT-00008410 | GOOG-DOJ-AT-00008413 | Email from Bipin Khurana to Chris LaSala et al., with attachment | Highly Confidential |
| PTX0740 | 3/18/2019 1:09 | GOOG-DOJ-14572216 | GOOG-DOJ-14572217 | Email from Jason Bigler to Rahul Srinivasan | Highly Confidential |
| PTX0741 | 3/13/2019 17:17 | GOOG-DOJ-10924270 | GOOG-DOJ-10924338 | Google presentation | Highly Confidential |
| PTX0742 | 3/14/2019 17:02 | GOOG-DOJ-05508770 | GOOG-DOJ-05508775 | Email from Roshan Khan to Payam Shodjai et al. | Highly Confidential |
| PTX0743 | 3/19/2019 22:18 | GOOG-DOJ-AT-00221276 | GOOG-DOJ-AT-00221352 | Google presentation | Highly Confidential |
| PTX0744 | 3/24/2019 23:27 | GOOG-DOJ-13610347 | GOOG-DOJ-13610353 | Google document | Highly Confidential |
| PTX0745 | 4/8/2019 16:27 | GOOG-AT-MDL-001412688 | GOOG-AT-MDL-001412688 | Email from Tim Lipus to Ali Nasiri Amini et al. | Confidential |
| PTX0746 | 4/9/2019 7:07 | GOOG-DOJ-10806862 | GOOG-DOJ-10806871 | Google document | Highly Confidential |
| PTX0747 | 4/9/2019 16:38 | GOOG-AT-MDL-B-000223562 | GOOG-AT-MDL-B-000223587 | Email from Marco Borla to Phillip Schindler, et al., with attachment | Confidential |
| PTX0748 | 4/12/2019 22:35 | GOOG-AT-MDL-008064626 | GOOG-AT-MDL-008064628 | Email from Fabrizio Angelini to Richard Barber et al. | Confidential |
| PTX0749 | 4/17/2019 21:33 | GOOG-DOJ-11872257 | GOOG-DOJ-11872265 | Google document | Highly Confidential |
| PTX0750 | 4/19/2019 15:15 | GOOG-AT-MDL-007040481 | GOOG-AT-MDL-007040484 | Email from Ali Nasiri Amini to Nirmal Jayaram, with attachment | Confidential |
| PTX0751 | 4/19/2019 16:59 | GOOG-DOJ-11692120 | GOOG-DOJ-11692124 | Google document | Highly Confidential |
| PTX0752 | 4/19/2019 21:12 | GOOG-AT-MDL-008106705 | GOOG-AT-MDL-008106728 | Google presentation | Highly Confidential |
| PTX0753 | 4/23/2019 14:24 | GOOG-TEX-00982699 | GOOG-TEX-00982702 | Google document | Highly Confidential |
| PTX0754 | 4/23/2019 19:13 | GOOG-DOJ-AT-02304321 | GOOG-DOJ-AT-02304322 | Email from Dorothee Bergin to Liz Daly et al. | Highly Confidential |
| PTX0755 | 4/23/2019 21:11 | GOOG-DOJ-AT-02304329 | GOOG-DOJ-AT-02304332 | Email from Dorothee Bergin to Alex Bergersen et al. | Highly Confidential |
| PTX0756 | 4/24/2019 22:16 | GOOG-DOJ-15226622 | GOOG-DOJ-15226626 | Email from George Levitte to Rahul Srinivasan | Highly Confidential |
| PTX0757 | 4/25/2019 11:36 | GOOG-TEX-00101703 | GOOG-TEX-00101710 | Email from Noam Wolf to Rahul Srinivasan et al. | Highly Confidential |
| PTX0758 | 4/25/2019 13:32 | KVL00000945 | KVL00000947 | Email from James Avery to Sarah Sluis | Highly Confidential |
| PTX0759 | 5/1/2019 12:09 | GOOG-DOJ-15128751 | GOOG-DOJ-15128753 | Google document | Highly Confidential |
| PTX0760 | 5/8/2019 20:31 | GOOG-DOJ-13495460 | GOOG-DOJ-13495467 | Email from Bryan Tracy to Rahul Srinivasan et al. | Highly Confidential |
| PTX0761 | 5/9/2019 19:52 | GOOG-DOJ-AT-01130332 | GOOG-DOJ-AT-01130356 | Google presentation | Highly Confidential |
| PTX0762 | 5/11/2019 3:35 | GOOG-DOJ-02857290 | GOOG-DOJ-02857291 | Email from Ali Nasiri Amini to Sagnik Nandy et al. | Highly Confidential |
| PTX0763 | 5/11/2019 3:40 | GOOG-DOJ-10664165 | GOOG-DOJ-10664166 | Email from Ali Nasiri Amini to Payam Shodjai | Highly Confidential |
| PTX0764 | 5/13/2019 2:45 | GOOG-DOJ-03637251 | GOOG-DOJ-03637264 | Google document | Highly Confidential |
| PTX0765 | 5/13/2019 17:32 | GOOG-DOJ-14026935 | GOOG-DOJ-14026936 | Email from Rahul Srinivasan to George Levitte | Highly Confidential |
| PTX0766 | 5/14/2019 14:46 | GOOG-DOJ-14047367 | GOOG-DOJ-14047368 | Email from Juan Labourt to Noam Wolf et al. | Highly Confidential |
| PTX0767 | 5/14/2019 17:59 | GOOG-DOJ-04597764 | GOOG-DOJ-04597832 | Google presentation | Highly Confidential |
| PTX0768 | 5/16/2019 0:00 | GOOG-AT-MDL-004151779 | GOOG-AT-MDL-004151792 | Email from Rahul Srinivasan to Adam Juda, with attachment | Confidential |
| PTX0769 | 5/20/2019 18:52 | GOOG-DOJ-04597962 | GOOG-DOJ-04597983 | Google document | Highly Confidential |
| PTX0770 | 5/20/2019 21:44 | GOOG-DOJ-13495995 | GOOG-DOJ-13496000 | Email from Sylvia Ho to Google employees | Highly Confidential |
| PTX0771 | 5/21/2019 14:50 | GOOG-AT-MDL-008980447 | GOOG-AT-MDL-008980447 | Email from Rahul Srinivasan to Lauren Walls et al. | Confidential |
| PTX0772 | 5/21/2019 16:50 | GOOG-DOJ-AT-00638342 | GOOG-DOJ-AT-00638343 | Google document | Highly Confidential |
| PTX0773 | 5/21/2019 16:50 | GOOG-DOJ-AT-01620840 | GOOG-DOJ-AT-01620841 | Google document | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0774 | 5/21/2019 16:50 | GOOG-DOJ-AT-02139336 | GOOG-DOJ-AT-02139337 | Google document | Highly Confidential |
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| PTX0776 | 5/25/2019 6:05 | GOOG-DOJ-AT-02218556 | GOOG-DOJ-AT-02218563 | Google document | Highly Confidential |
| PTX0777 | 5/25/2019 6:05 | GOOG-DOJ-AT-00086242 | GOOG-DOJ-AT-00086247 | Google presentation | Highly Confidential |
| PTX0778 | 6/3/2019 22:01 | GOOG-DOJ-14572783 | GOOG-DOJ-14572787 | Google document | Highly Confidential |
| PTX0779 | 6/5/2019 23:50 | GOOG-TEX-00856177 | GOOG-TEX-00856179 | Email from Chris Dawson to Nitish Korula | Highly Confidential |
| PTX0780 | 6/6/2019 12:42 | GOOG-TEX-00036588 | GOOG-TEX-00036590 | Email from Cheryl Cahoy to Chris LaSala et al. | Highly Confidential |
| PTX0781 | 6/6/2019 18:58 | GOOG-DOJ-AT-00752651 | GOOG-DOJ-AT-00752653 | Email from Sam Temes to Mimi Do Forsythe | Highly Confidential |
| PTX0782 | 6/6/2019 21:03 | GOOG-DOJ-03242474 | GOOG-DOJ-03242499 | Google presentation | Highly Confidential |
| PTX0783 | 6/7/2019 22:47 | GOOG-AT-MDL-001412832 | GOOG-AT-MDL-001412834 | Google document | Confidential |
| PTX0784 | 6/10/2019 17:16 | GOOG-DOJ-12948968 | GOOG-DOJ-12948969 | Email from Rahul Srinivasan to Payam Shodjai et al. | Confidential |
| PTX0785 | 6/12/2019 21:15 | GOOG-DOJ-AT-00570464 | GOOG-DOJ-AT-00570484 | Google presentation | Highly Confidential |
| PTX0786 | 6/13/2019 18:27 | GOOG-DOJ-06881716 | GOOG-DOJ-06881720 | Google document | Highly Confidential |
| PTX0787 | 6/13/2019 18:27 | GOOG-AT-MDL-003798827 | GOOG-AT-MDL-003798827 | Email from Sam Cox (via Google Docs) to Google employee | Confidential |
| PTX0788 | 6/13/2019 19:29 | GOOG-AT-MDL-008312255 | GOOG-AT-MDL-008312258 | Google document | Confidential |
| PTX0789 | 6/17/2019 20:18 | GOOG-DOJ-11217440 | GOOG-DOJ-11217465 | Google document | Highly Confidential |
| PTX0790 | 6/21/2019 3:26 | GOOG-DOJ-15778327 | GOOG-DOJ-15778335 | Google document | Highly Confidential |
| PTX0791 | 6/25/2019 0:31 | GOOG-DOJ-13615208 | GOOG-DOJ-13615243 | Google presentation | Highly Confidential |
| PTX0792 | 6/25/2019 15:42 | GOOG-DOJ-03242646 | GOOG-DOJ-03242702 | Google presentation | Highly Confidential |
| PTX0793 | 6/26/2019 13:48 | GOOG-DOJ-11362042 | GOOG-DOJ-11362049 | Google document | Highly Confidential |
| PTX0794 | 6/26/2019 13:52 | GOOG-DOJ-02857734 | GOOG-DOJ-02857805 | Google presentation | Highly Confidential |
| PTX0795 | 6/26/2019 13:52 | GOOG-DOJ-04445011 | GOOG-DOJ-04445043 | Google presentation | Highly Confidential |
| PTX0796 | 7/3/2019 12:06 | GOOG-DOJ-AT-01901774 | GOOG-DOJ-AT-01901780 | Google document | Highly Confidential |
| PTX0797 | 7/5/2019 9:29 | GOOG-DOJ-AT-00060165 | GOOG-DOJ-AT-00060169 | Google document | Highly Confidential |
| PTX0798 | 7/10/2019 22:55 | GOOG-DOJ-03637904 | GOOG-DOJ-03637904 | Google document | Highly Confidential |
| PTX0799 | 7/11/2019 0:00 | GOOG-DOJ-09876839 | GOOG-DOJ-09876842 | Email from Alex Bergersen to Rahul Srinivasan et al. | Highly Confidential |
| PTX0800 | 7/12/2019 0:00 | GOOG-DOJ-10924738 | GOOG-DOJ-10924742 | Email from Bonita Stewart to Alex Bergersen et al. | Highly Confidential |
| PTX0801 | 7/12/2019 2:40 | GOOG-DOJ-02857887 | GOOG-DOJ-02857891 | Email from Nitish Korula to Sagnik Nandy et al. | Highly Confidential |
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| PTX0803 | 7/22/2019 10:19 | COM-CID-00049151 | COM-CID-00049152 | Email from Cameron Miille to James Rooke | Confidential |
| PTX0804 | 7/22/2019 22:32 | GOOG-DOJ-09024203 | GOOG-DOJ-09024205 | Email from Jenni Stein to J. Dischler | Highly Confidential |
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| PTX0809 | 8/1/2019 8:16 | GOOG-DOJ-03081272 | GOOG-DOJ-03081299 | Google presentation | Highly Confidential |
| PTX0810 | 8/1/2019 8:17 | GOOG-DOJ-03639032 | GOOG-DOJ-03639076 | Google presentation | Highly Confidential |
| PTX0811 | 8/1/2019 9:40 | GOOG-DOJ-11788944 | GOOG-DOJ-11789028 | Google presentation | Highly Confidential |
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| PTX0813 | 8/2/2019 23:42 | GOOG-DOJ-AT-01130388 | GOOG-DOJ-AT-01130390 | Google document | Highly Confidential |
| PTX0814 | 8/7/2019 17:19 | GOOG-DOJ-09712720 | GOOG-DOJ-09712871 | Google document | Highly Confidential |
| PTX0815 | 8/8/2019 0:19 | GOOG-DOJ-AT-01130391 | GOOG-DOJ-AT-01130391 | Google document | Highly Confidential |
| PTX0816 | 8/12/2019 16:37 | GOOG-DOJ-AT-00597161 | GOOG-DOJ-AT-00597162 | Message from Nitish Korula to David Christian | Highly Confidential |
| PTX0817 | 8/13/2019 0:00 | GOOG-DOJ-13499783 | GOOG-DOJ-13499791 | Email from Haskell Garon to Rahul Srinivasan et al., with attachment | Highly Confidential |
| PTX0818 | 8/13/2019 10:53 | GOOG-DOJ-AT-00571933 | GOOG-DOJ-AT-00571935 | Message generated by Nitish Korula (Google Docs) containing comments to document | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX0820 | 8/14/2019 22:00 | GOOG-DOJ-04195205 | GOOG-DOJ-04195221 | Google presentation | Highly Confidential |
| PTX0821 | 8/16/2019 0:00 | GOOG-AT-MDL-B-004039742 | GOOG-AT-MDL-B-004039742 | Google spreadsheet | Highly Confidential |
| PTX0822 | 8/16/2019 15:21 | GOOG-DOJ-09176140 | GOOG-DOJ-09176141 | Google document | Highly Confidential |
| PTX0823 | 8/16/2019 18:58 | GOOG-AT-MDL-014303955 | GOOG-AT-MDL-014303965 | Email from Rita Ren to Giulio Minguzzi et al., with attachments | Confidential |
| PTX0824 | 8/22/2019 15:15 | GOOG-DOJ-AT-02274997 | GOOG-DOJ-AT-02275007 | Google document | Highly Confidential |
| PTX0825 | 8/22/2019 15:17 | GOOG-DOJ-04600784 | GOOG-DOJ-04600791 | Google document | Highly Confidential |
| PTX0826 | 8/26/2019 0:36 | GOOG-DOJ-15044036 | GOOG-DOJ-15044044 | Email from Haskell Garon to Art Price et al., with attachment | Highly Confidential |
| PTX0827 | 8/27/2019 11:46 | GOOG-DOJ-04600935 | GOOG-DOJ-04600956 | Google presentation | Highly Confidential |
| PTX0828 | 8/28/2019 0:07 | GOOG-AT-MDL-B-003992141 | GOOG-AT-MDL-B-003992250 | Message from Brad Lassey to Chetna Bindra et al. | Highly Confidential |
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| PTX0830 | 8/28/2019 20:01 | GOOG-AT-MDL-003664876 | GOOG-AT-MDL-003664876 | Message from Nirmal Jayaram to Ali Amini | Confidential |
| PTX0831 | 8/30/2019 11:23 | GOOG-DOJ-AT-00759468 | GOOG-DOJ-AT-00759532 | Google presentation | Highly Confidential |
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| PTX0833 | 8/30/2019 16:51 | GOOG-AT-MDL-003674643 | GOOG-AT-MDL-003674649 | Message from Nirmal Jayaram to Nitish Korula | Confidential |
| PTX0834 | 9/1/2019 17:57 | GOOG-DOJ-AT-00598634 | GOOG-DOJ-AT-00598637 | Message from Nitish Korula to Nirmal Jayaram | Highly Confidential |
| PTX0835 | 9/2/2019 1:23 | GOOG-DOJ-10924864 | GOOG-DOJ-10924881 | Google presentation | Highly Confidential |
| PTX0836 | 9/3/2019 13:39 | GOOG-DOJ-28486574 | GOOG-DOJ-28486604 | Google presentation | Confidential |
| PTX0837 | 9/3/2019 15:41 | GOOG-AT-MDL-008987798 | GOOG-AT-MDL-008987798 | Email from Nitish Korula to Ali Amini et al. | Confidential |
| PTX0838 | 9/4/2019 20:56 | GOOG-DOJ-07290146 | GOOG-DOJ-07290150 | Email from Nirmal Jayaram to Sissie Hsiao et al. | Highly Confidential |
| PTX0839 | 9/5/2019 20:49 | GOOG-DOJ-03247924 | GOOG-DOJ-03247926 | Google document | Highly Confidential |
| PTX0840 | 9/5/2019 20:52 | GOOG-AT-MDL-018620801 | GOOG-AT-MDL-018620808 | Google document | Highly Confidential |
| PTX0841 | 9/6/2019 3:07 | GOOG-DOJ-AT-00055901 | GOOG-DOJ-AT-00055906 | Google document | Highly Confidential |
| PTX0842 | 9/8/2019 6:23 | GOOG-DOJ-07290336 | GOOG-DOJ-07290363 | Google presentation | Highly Confidential |
| PTX0843 | 9/9/2019 21:11 | GOOG-DOJ-13500989 | GOOG-DOJ-13500994 | Email from George Levitte to Kurt Spoerer et al. | Highly Confidential |
| PTX0844 | 9/10/2019 2:39 | GOOG-TEX-00036873 | GOOG-TEX-00036878 | Email from Chris LaSala to Nelson Hsu et al. | Highly Confidential |
| PTX0845 | 9/10/2019 10:28 | GOOG-DOJ-15564937 | GOOG-DOJ-15564938 | Email from Nitish Korula to Rob Hazan | Highly Confidential |
| PTX0846 | 9/10/2019 22:04 | GOOG-AT-MDL-001427607 | GOOG-AT-MDL-001427611 | Email from Ali Amini to Bonnie Pericolosi et al., with attachment | Confidential |
| PTX0847 | 9/11/2019 10:41 | GOOG-DOJ-04601261 | GOOG-DOJ-04601261 | Google document | Highly Confidential |
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| PTX0850 | 9/13/2019 16:25 | GOOG-DOJ-10494663 | GOOG-DOJ-10494664 | Google document | Highly Confidential |
| PTX0851 | 9/16/2019 14:41 | GOOG-AT-MDL-018279549 | GOOG-AT-MDL-018279549 | Message from Aparna Pappu containing comments to document | Highly Confidential |
| PTX0852 | 9/18/2019 21:10 | GOOG-TEX-00036879 | GOOG-TEX-00036880 | Google document | Highly Confidential |
| PTX0853 | 9/23/2019 0:00 | GOOG-AT-MDL-009005324 | GOOG-AT-MDL-009005368 | Google document | Highly Confidential |
| PTX0854 | 9/24/2019 6:44 | GOOG-DOJ-AT-00573309 | GOOG-DOJ-AT-00573313 | Google document | Highly Confidential |
| PTX0855 | 9/25/2019 18:38 | GOOG-DOJ-AT-01075120 | GOOG-DOJ-AT-01075126 | Email from Bonnie Pericolosi to Elissa Murphy et al., with attachment | Highly Confidential |
| PTX0856 | 9/25/2019 18:04 | GOOG-DOJ-11030354 | GOOG-DOJ-11030357 | Google document | Highly Confidential |
| PTX0857 | 9/26/2019 17:44 | GOOG-DOJ-AT-00573492 | GOOG-DOJ-AT-00573496 | Google document | Highly Confidential |
| PTX0858 | 10/1/2019 3:45 | GOOG-DOJ-04736246 | GOOG-DOJ-04736248 | Google document | Highly Confidential |
| PTX0859 | 10/1/2019 3:45 | GOOG-DOJ-AT-02148045 | GOOG-DOJ-AT-02148047 | Google document | Highly Confidential |
| PTX0860 | 10/1/2019 6:24 | GOOG-DOJ-12059682 | GOOG-DOJ-12059687 | Google document | Highly Confidential |
| PTX0861 | 10/1/2019 14:08 | GOOG-DOJ-15772422 | GOOG-DOJ-15772488 | Google document | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-------------------------|-------------------------|---|---------------------|
| PTX0862 | 10/1/2019 23:00 | GOOG-DOJ-03156193 | GOOG-DOJ-03156193 | Google document | Highly Confidential |
| PTX0863 | 10/2/2019 18:14 | GOOG-DOJ-AT-00573670 | GOOG-DOJ-AT-00573671 | Google document | Highly Confidential |
| PTX0864 | 10/3/2019 13:02 | GOOG-AT-MDL-007344222 | GOOG-AT-MDL-007344225 | Email from Chris LaSala to Jason Spero | Confidential |
| PTX0865 | 10/3/2019 16:22 | GOOG-AT-MDL-001417312 | GOOG-AT-MDL-001417317 | Email from Kurt Spoerer to Alok Sheth et al. | Confidential |
| PTX0866 | 10/3/2019 17:46 | GOOG-DOJ-03641972 | GOOG-DOJ-03641995 | Google presentation | Highly Confidential |
| PTX0867 | 10/4/2019 6:57 | GOOG-DOJ-14298902 | GOOG-DOJ-14298917 | Google presentation | Highly Confidential |
| PTX0868 | 10/7/2019 0:22 | GOOG-DOJ-09715248 | GOOG-DOJ-09715268 | Google presentation | Highly Confidential |
| PTX0869 | 10/8/2019 16:21 | GOOG-DOJ-32022520 | GOOG-DOJ-32022527 | Email from Rob Hazan to Kurt Spoerer et al. | Confidential |
| PTX0870 | 10/8/2019 19:53 | GOOG-DOJ-32022536 | GOOG-DOJ-32022543 | Email from Alok Sheth to Alexander Belikoff et al. | Confidential |
| PTX0871 | 10/9/2019 1:46 | GOOG-DOJ-32022555 | GOOG-DOJ-32022563 | Email from Alok Sheth to Rahul Srinivasan et al. | Confidential |
| PTX0872 | 10/9/2019 2:12 | GOOG-DOJ-32022564 | GOOG-DOJ-32022572 | Email from Nitish Korula to Alok Sheth et al. | Confidential |
| PTX0873 | 10/9/2019 12:32 | GOOG-DOJ-32022582 | GOOG-DOJ-32022591 | Email from Glenn Berntson to Kurt Spoerer et al. | Confidential |
| PTX0874 | 10/10/2019 20:15 | GOOG-DOJ-27767851 | GOOG-DOJ-27767857 | Email from Aaron Kasman to Natalia Bergamaschi et al. | Confidential |
| PTX0875 | 10/11/2019 0:00 | GOOG-DOJ-AT-01849832 | GOOG-DOJ-AT-01849833 | Email from David Goodman to Steven Shin et al. | Highly Confidential |
| PTX0876 | 10/12/2019 0:32 | GOOG-DOJ-12764044 | GOOG-DOJ-12764051 | Google document | Highly Confidential |
| PTX0877 | 10/14/2019 21:27 | GOOG-TEX-00841210 | GOOG-TEX-00841212 | Message from Nitish Korula to Rahul Srinivasan | Highly Confidential |
| PTX0878 | 10/16/2019 20:44 | GOOG-DOJ-AT-00475378 | GOOG-DOJ-AT-00475417 | Google presentation | Highly Confidential |
| PTX0879 | 10/17/2019 1:13 | GOOG-DOJ-AT-00832761 | GOOG-DOJ-AT-00832797 | Google presentation | Highly Confidential |
| PTX0880 | 10/18/2019 14:10 | GOOG-DOJ-04387378 | GOOG-DOJ-04387408 | Google presentation | Highly Confidential |
| PTX0881 | 10/18/2019 14:10 | GOOG-DOJ-AT-01811246 | GOOG-DOJ-AT-01811276 | Google presentation | Highly Confidential |
| PTX0882 | 10/21/2019 20:48 | GOOG-DOJ-AT-00045716 | GOOG-DOJ-AT-00045731 | Google document | Highly Confidential |
| PTX0883 | 10/23/2019 14:40 | GOOG-DOJ-AT-00292252 | GOOG-DOJ-AT-00292275 | Google presentation | Highly Confidential |
| PTX0884 | 10/23/2019 15:58 | GOOG-AT-MDL-008991249 | GOOG-AT-MDL-008991251 | Email from Rahul Srinivasan to Chris Jenkins et al. | Highly Confidential |
| PTX0885 | 10/23/2019 16:34 | GOOG-DOJ-AT-01132905 | GOOG-DOJ-AT-01132909 | Email from David Garcia to Giulio Minguzzi et al. | Highly Confidential |
| PTX0886 | 10/23/2019 16:34 | GOOG-AT-MDL-008991256 | GOOG-AT-MDL-008991260 | Email from David Garcia to Giulio Minguzzi et al. | Highly Confidential |
| PTX0887 | 10/25/2019 19:45 | GOOG-DOJ-13503400 | GOOG-DOJ-13503405 | Google document | Highly Confidential |
| PTX0888 | 10/29/2019 21:17 | GOOG-DOJ-07294164 | GOOG-DOJ-07294220 | Google presentation | Highly Confidential |
| PTX0889 | 11/5/2019 18:27 | GOOG-DOJ-09434884 | GOOG-DOJ-09434891 | Google document | Highly Confidential |
| PTX0890 | 11/7/2019 3:16 | GOOG-DOJ-AT-02150100 | GOOG-DOJ-AT-02150101 | Google document | Highly Confidential |
| PTX0891 | 11/12/2019 20:59 | GOOG-AT-MDL-B-003992377 | GOOG-AT-MDL-B-003992377 | Message from Nitish Korula to Jonathan Pearson et al. | Highly Confidential |
| PTX0892 | 11/15/2019 12:26 | GOOG-DOJ-11728951 | GOOG-DOJ-11729001 | Google presentation | Highly Confidential |
| PTX0893 | 11/22/2019 12:00 | GOOG-DOJ-05782415 | GOOG-DOJ-05782460-017 | Google document | Highly Confidential |
| PTX0894 | 11/22/2019 18:34 | GOOG-DOJ-10667017 | GOOG-DOJ-10667018 | Email from Jim Garrison to Yumin Guo et al. | Highly Confidential |
| PTX0895 | 11/25/2019 22:18 | GOOG-AT-MDL-001397473 | GOOG-AT-MDL-001397485 | Google document | Confidential |
| PTX0896 | 12/3/2019 19:24 | GOOG-AT-MDL-B-004309756 | GOOG-AT-MDL-B-004309756 | Message from Cyrus Beagley to Bonita Stewart | Highly Confidential |
| PTX0897 | 12/4/2019 13:24 | GOOG-DOJ-10422489 | GOOG-DOJ-10422489 | Email from Ali Nasiri Amini to Duke Dukellis et al. | Highly Confidential |
| PTX0898 | 12/9/2019 13:52 | GOOG-DOJ-11792911 | GOOG-DOJ-11792917 | Google presentation | Highly Confidential |
| PTX0899 | 12/9/2019 15:57 | GOOG-DOJ-12799286 | GOOG-DOJ-12799316 | Google presentation | Highly Confidential |
| PTX0900 | 12/11/2019 22:00 | GOOG-DOJ-AT-02275835 | GOOG-DOJ-AT-02275845 | Email from Jason Sigalos to Atoshi Shorey et al. | Highly Confidential |
| PTX0901 | 12/16/2019 21:14 | GOOG-DOJ-AT-01479985 | GOOG-DOJ-AT-01480004 | Google document | Highly Confidential |
| PTX0902 | 12/17/2019 16:03 | GOOG-DOJ-11147504 | GOOG-DOJ-11147506 | Email from Vlad Sinaniyev to Peentoo Patel et al. | Highly Confidential |
| PTX0903 | 12/18/2019 2:35 | GOOG-AT-MDL-B-004482111 | GOOG-AT-MDL-B-004482113 | Message from Nitish Korula to Deepak Ravichandran | Highly Confidential |
| PTX0904 | 12/20/2019 14:37 | GOOG-DOJ-AT-01592535 | GOOG-DOJ-AT-01592577 | Google presentation | Highly Confidential |
| PTX0905 | 12/31/2019 0:00 | GOOG1-00005951 | GOOG1-00005959 | Google document | Confidential |
| PTX0906 | 1/6/2020 18:28 | GOOG-DOJ-AT-02276219 | GOOG-DOJ-AT-02276230 | Email from Atoshi Shorey to Sneh Prateek et al. | Highly Confidential |
| PTX0907 | 1/14/2020 16:10 | GOOG-DOJ-AT-01018638 | GOOG-DOJ-AT-01018640 | Message from Nitish Korula to Justin Schuh et al. | Highly Confidential |
| PTX0908 | 1/14/2020 16:10 | GOOG-AT-MDL-011213261 | GOOG-AT-MDL-011213263 | Message from Nitish Korula to Justin Schuh et al. | Confidential |
| PTX0909 | 1/14/2020 16:10 | GOOG-AT-MDL-B-003871438 | GOOG-AT-MDL-B-003871440 | Message from Nitish Korula to Justin Schuh et al. | Highly Confidential |
| PTX0910 | 1/14/2020 16:10 | GOOG-AT-MDL-B-003992529 | GOOG-AT-MDL-B-003992531 | Message from Nitish Korula to Justin Schuh et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------------|-------------------------|-------------------------|--|---------------------|
| PTX0911 | 1/14/2020 16:10 | GOOG-AT-MDL-B-003992532 | GOOG-AT-MDL-B-003992539 | Message from Nitish Korula to Deepak Ravichandran et al. | Highly Confidential |
| PTX0912 | 1/15/2020 18:14 | GOOG-DOJ-10308470 | GOOG-DOJ-10308476 | Google document | Highly Confidential |
| PTX0913 | 1/22/2020 23:31 | GOOG-DOJ-14549757 | GOOG-DOJ-14549797 | Google presentation | Highly Confidential |
| PTX0914 | 1/27/2020 19:36 | GOOG-AT-MDL-004059508 | GOOG-AT-MDL-004059515 | Google document | Confidential |
| PTX0915 | 1/28/2020 16:35 | GOOG-DOJ-10963068 | GOOG-DOJ-10963072 | Email from Chris LaSala to Jason Spero et al. | Highly Confidential |
| PTX0916 | 1/29/2020 14:37 | GOOG-DOJ-11794721 | GOOG-DOJ-11794756 | Google presentation | Highly Confidential |
| PTX0917 | 1/30/2020 18:17 | GOOG-DOJ-09559968 | GOOG-DOJ-09560022 | Google presentation | Highly Confidential |
| PTX0918 | 1/30/2020 23:19 | GOOG-AT-MDL-012516284 | GOOG-AT-MDL-012516285 | Email from Chris Lee-Egan to Industryinfo et al. | Highly Confidential |
| PTX0919 | 1/30/2020 23:22 | GOOG-AT-MDL-012516286 | GOOG-AT-MDL-012516288 | Email from Tyler Romeo to Chris Lee-Egan et al. | Highly Confidential |
| PTX0920 | 1/30/2020 23:26 | GOOG-AT-MDL-012516289 | GOOG-AT-MDL-012516290 | Email from Sami Lienes to Chris Lee-Egan et al. | Highly Confidential |
| PTX0921 | 1/30/2020 23:27 | GOOG-AT-MDL-012516291 | GOOG-AT-MDL-012516293 | Email from Matt Shubert to Tyler Romeo et al. | Highly Confidential |
| PTX0922 | 1/30/2020 23:31 | GOOG-AT-MDL-012516294 | GOOG-AT-MDL-012516296 | Email from Yuri Zubrytskyi to Matt Shubert et al. | Highly Confidential |
| PTX0923 | 1/31/2020 0:05 | GOOG-AT-MDL-012516297 | GOOG-AT-MDL-012516300 | Email from Cory Slep to Yuri Zubrytskyi et al. | Highly Confidential |
| PTX0924 | 2/3/2020 16:46 | GOOG-AT-MDL-012516308 | GOOG-AT-MDL-012516311 | Email from Chris Lee-Egan to Cory Slep et al. | Highly Confidential |
| PTX0925 | 2/4/2020 21:24 | GOOG-DOJ-27768441 | GOOG-DOJ-27768442 | Email from Chris LaSala to Jason Spero et al. | Confidential |
| PTX0926 | 2/6/2020 0:00 | GOOG-DOJ-AT-00046252 | GOOG-DOJ-AT-00046252 | Email from Giulio Minguzzi to Nancy Yoo et al. | Highly Confidential |
| PTX0927 | 2/6/2020 0:00 | GOOG-DOJ-AT-00046256 | GOOG-DOJ-AT-00046257 | Email from Chris LaSala to Bonita Stewart et al. | Highly Confidential |
| PTX0928 | 2/6/2020 23:48 | GOOG-DOJ-09779876 | GOOG-DOJ-09779881 | Google document | Highly Confidential |
| PTX0929 | 2/7/2020 11:39 | GOOG-DOJ-AT-00575797 | GOOG-DOJ-AT-00575798 | Email from Casper Verhoofstad to Ehsan Maani et al. | Highly Confidential |
| PTX0930 | 2/7/2020 16:44 | GOOG-AT-MDL-007336172 | GOOG-AT-MDL-007336173 | Email from Giulio Minguzzi to Jennifer Cooper et al. | Confidential |
| PTX0931 | 2/9/2020 18:03 | GOOG-AT-MDL-008388423 | GOOG-AT-MDL-008388423 | Message from Brad Lassey to Justin Schuh et al. | Confidential |
| PTX0932 | 2/9/2020 18:03 | GOOG-AT-MDL-B-004439252 | GOOG-AT-MDL-B-004439253 | Message from Brad Lassey to Chetna Bindra et al. | Highly Confidential |
| PTX0933 | 2/11/2020 19:00 | GOOG-DOJ-10310183 | GOOG-DOJ-10310183 | Message from Nitish Korula to Gregory Donaker et al. | Highly Confidential |
| PTX0934 | 2/14/2020 8:39 | GOOG-DOJ-10963387 | GOOG-DOJ-10963403 | Google document | Highly Confidential |
| PTX0935 | 2/18/2020 18:24 | GOOG-DOJ-10310865 | GOOG-DOJ-10310868 | Email from Deepti Bhatnagar to Carl Burch et al. | Highly Confidential |
| PTX0936 | 2/18/2020 18:24 | GOOG-DOJ-15159418 | GOOG-DOJ-15159421 | Email from Deepti Bhatnagar to Carl Burch et al. | Highly Confidential |
| PTX0937 | 2/18/2020 20:47 | GOOG-DOJ-27799214 | GOOG-DOJ-27799237 | Google presentation | Confidential |
| PTX0938 | 2/18/2020 22:29 | GOOG-DOJ-AT-01458263 | GOOG-DOJ-AT-01458275 | Google document | Highly Confidential |
| PTX0939 | 2/19/2020 17:22 | GOOG-AT-MDL-004326981 | GOOG-AT-MDL-004327016 | Google presentation | Highly Confidential |
| PTX0940 | 2/21/2020 15:12 | GOOG-DOJ-12766268 | GOOG-DOJ-12766293 | Google document | Highly Confidential |
| PTX0941 | 2/21/2020 20:53 | GOOG-DOJ-29671819 | GOOG-DOJ-29671821 | Google document | Confidential |
| PTX0942 | 2/22/2020 0:46 | GOOG-DOJ-11733552 | GOOG-DOJ-11733585 | Google presentation | Highly Confidential |
| PTX0943 | 2/24/2020 1:49 | GOOG-DOJ-AT-01020260 | GOOG-DOJ-AT-01020277 | Google presentation | Highly Confidential |
| PTX0944 | 2/25/2020 18:36 | GOOG-DOJ-AT-00576527 | GOOG-DOJ-AT-00576551 | Google presentation | Highly Confidential |
| PTX0945 | 2/26/2020 16:16 | GOOG-DOJ-13233139 | GOOG-DOJ-13233144 | Google document | Highly Confidential |
| PTX0946 | 2/27/2020 17:29 | GOOG-DOJ-AT-00855803 | GOOG-DOJ-AT-00855813 | Google presentation | Highly Confidential |
| PTX0947 | 3/3/2020 18:20 | GOOG-AT-MDL-B-004482114 | GOOG-AT-MDL-B-004482114 | Message from Nirmal Jayaram to Nitish Korula | Highly Confidential |
| PTX0948 | 3/6/2020 21:43 | GOOG-DOJ-15257906 | GOOG-DOJ-15257919 | Google presentation | Highly Confidential |
| PTX0949 | 3/16/2020 17:29 | GOOG-DOJ-AT-00657480 | GOOG-DOJ-AT-00657483 | Message from Nitish Korula to Noam Wolf et al. | Highly Confidential |
| PTX0950 | 3/26/2020 12:37 | GOOG-DOJ-AT-00545771 | GOOG-DOJ-AT-00545779 | Email from Rob Malkin to Ryan Haggarty et al. | Highly Confidential |
| PTX0951 | 3/27/2020 18:53 | GOOG-DOJ-AT-01033363 | GOOG-DOJ-AT-01033368 | Google document | Highly Confidential |
| PTX0952 | 3/30/2020 16:57 | GOOG-DOJ-AT-01687149 | GOOG-DOJ-AT-01687151 | Email from George Levitte to Uchechi Okereke et al. | Highly Confidential |
| PTX0953 | 3/30/2020 22:22 | GOOG-AT-MDL-001391532 | GOOG-AT-MDL-001391545 | Google document | Highly Confidential |
| PTX0954 | 4/2/2020 17:36 | GOOG-DOJ-13420249 | GOOG-DOJ-13420253 | Google document | Highly Confidential |
| PTX0955 | 4/2/2020 21:41 | GOOG-DOJ-AT-02221430 | GOOG-DOJ-AT-02221439 | Google document | Highly Confidential |
| PTX0956 | 4/3/2020 16:16 | GOOG-DOJ-15159832 | GOOG-DOJ-15159881 | Google presentation | Highly Confidential |
| PTX0957 | 4/9/2020 17:00 | GOOG-DOJ-AT-01155096 | GOOG-DOJ-AT-01155105 | Google document | Highly Confidential |
| PTX0958 | 4/13/2020 19:33 | GOOG-DOJ-15231673 | GOOG-DOJ-15231679 | Google document | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-------------------------|-------------------------|--|---------------------|
| PTX0959 | 4/16/2020 21:43 | GOOG-AT-MDL-B-004482121 | GOOG-AT-MDL-B-004482121 | Message from Nitish Korula to Abhita Chugh | Highly Confidential |
| PTX0960 | 4/28/2020 18:51 | GOOG-AT-MDL-006507508 | GOOG-AT-MDL-006507509 | Google document | Confidential |
| PTX0961 | 5/1/2020 0:12 | GOOG-DOJ-15269440 | GOOG-DOJ-15269443 | Google document | Highly Confidential |
| PTX0962 | 5/5/2020 14:31 | GOOG-DOJ-AT-01826536 | GOOG-DOJ-AT-01826552 | Email from Chris LaSala to Keith Weisberg | Highly Confidential |
| PTX0963 | 5/7/2020 12:38 | GOOG-AT-MDL-004436650 | GOOG-AT-MDL-004436670 | Email from Nitish Korula to Charlie Reams, with attachment | Confidential |
| PTX0964 | 5/24/2020 23:05 | GOOG-DOJ-15159990 | GOOG-DOJ-15160027 | Google presentation | Highly Confidential |
| PTX0965 | 6/3/2020 23:43 | GOOG-DOJ-AT-00858505 | GOOG-DOJ-AT-00858508 | Google document | Highly Confidential |
| PTX0966 | 6/8/2020 19:03 | GOOG-DOJ-13980360 | GOOG-DOJ-13980364 | Google document | Highly Confidential |
| PTX0967 | 6/9/2020 14:51 | GOOG-AT-MDL-011555914 | GOOG-AT-MDL-011555922 | Message from Noam Wolf to Nitish Korula et al. | Confidential |
| PTX0968 | 6/10/2020 17:15 | GOOG-AT-MDL-011555941 | GOOG-AT-MDL-011555941 | Message from Nitish Korula to Steve Swan | Confidential |
| PTX0969 | 6/10/2020 19:45 | GOOG-DOJ-13235212 | GOOG-DOJ-13235382 | Google presentation | Highly Confidential |
| PTX0970 | 6/11/2020 19:34 | GOOG-AT-MDL-009758672 | GOOG-AT-MDL-009758674 | Google presentation | Highly Confidential |
| PTX0971 | 6/15/2020 5:54 | GOOG-DOJ-32280764 | GOOG-DOJ-32280772 | Google document | Confidential |
| PTX0972 | 6/20/2020 2:30 | GOOG-AT-MDL-019521344 | GOOG-AT-MDL-019521345 | Email from Ali Nasiri Amini to Sissie Hsiao et al. | Highly Confidential |
| PTX0973 | 6/23/2020 | | | Google webpage titled "How our display buying platforms share revenue with publishers" | |
| PTX0974 | 6/23/2020 21:36 | GOOG-AT-MDL-007188258 | GOOG-AT-MDL-007188258 | Google spreadsheet | Confidential |
| PTX0975 | 6/30/2020 18:16 | GOOG-AT-MDL-B-004482122 | GOOG-AT-MDL-B-004482122 | Message from Nitish Korula to Alok Sheth | Highly Confidential |
| PTX0976 | 7/17/2020 17:24 | GOOG-DOJ-AT-00288371 | GOOG-DOJ-AT-00288393 | Google document | Highly Confidential |
| PTX0977 | 7/24/2020 18:16 | GOOG-AT-MDL-008666769 | GOOG-AT-MDL-008666769 | Google spreadsheet | Confidential |
| PTX0978 | 7/27/2020 18:20 | GOOG-DOJ-14436571 | GOOG-DOJ-14436626 | Google presentation | Highly Confidential |
| PTX0979 | 8/3/2020 17:31 | GOOG-DOJ-AT-01683587 | GOOG-DOJ-AT-01683592 | Google document | Highly Confidential |
| PTX0980 | 8/4/2020 17:39 | GOOG-AT-MDL-016094163 | GOOG-AT-MDL-016094167 | Google document | Confidential |
| PTX0981 | 8/13/2020 14:44 | GOOG-DOJ-AT-02641400 | GOOG-DOJ-AT-02641400 | Google spreadsheet | Highly Confidential |
| PTX0982 | 8/13/2020 16:01 | GOOG-DOJ-AT-01511990 | GOOG-DOJ-AT-01512004 | Google document | Highly Confidential |
| PTX0983 | 8/19/2020 16:35 | GOOG-AT-MDL-015525071 | GOOG-AT-MDL-015525077 | Email from Vidhya Srinivasan to Jerry Dischler et al. | Confidential |
| PTX0984 | 8/20/2020 14:20 | GOOG-AT-MDL-004522085 | GOOG-AT-MDL-004522129 | Google presentation | Confidential |
| PTX0985 | 8/22/2020 7:38 | GOOG-DOJ-AT-01131007 | GOOG-DOJ-AT-01131008 | Google document | Highly Confidential |
| PTX0986 | 8/24/2020 14:51 | GOOG-AT-MDL-000034633 | GOOG-AT-MDL-000034634 | Email from Brett Benowitz to Benjamin Miller et al. | Confidential |
| PTX0987 | 8/25/2020 15:44 | GOOG-AT-MDL-B-003880468 | GOOG-AT-MDL-B-003880483 | Message from Emily Kang to Aemilios Melis et al. | Highly Confidential |
| PTX0988 | 8/26/2020 6:40 | GOOG-DOJ-13127211 | GOOG-DOJ-13127221 | Google document | Highly Confidential |
| PTX0989 | 9/1/2020 19:06 | GOOG-DOJ-AT-00095374 | GOOG-DOJ-AT-00095379 | Message from Ali Nasiri Amini to Nitish Korula | Highly Confidential |
| PTX0990 | 9/2/2020 20:21 | GOOG-DOJ-AT-00859969 | GOOG-DOJ-AT-00859969 | Email from Nirmal Jayaram to Sissie Hsiao | Highly Confidential |
| PTX0991 | 9/10/2020 18:04 | GOOG-AT-MDL-004528300 | GOOG-AT-MDL-004528327 | Google presentation | Highly Confidential |
| PTX0992 | 9/16/2020 14:38 | GOOG-DOJ-AT-01828942 | GOOG-DOJ-AT-01828943 | Message from Chris LaSala to Nash Islam | Highly Confidential |
| PTX0993 | 9/24/2020 0:55 | GOOG-AT-MDL-003977297 | GOOG-AT-MDL-003977506 | Google presentation | Highly Confidential |
| PTX0994 | 9/30/2020 21:15 | GOOG-DOJ-AT-00620243 | GOOG-DOJ-AT-00620247 | Email from Andrew Hogue to Nitish Korula et al. | Highly Confidential |
| PTX0995 | 10/12/2020 17:51 | GOOG-DOJ-AT-00198548 | GOOG-DOJ-AT-00198553 | Message from Nitish Korula to Chetna Bindra | Highly Confidential |
| PTX0996 | 10/19/2020 15:48 | GOOG-DOJ-AT-00010835 | GOOG-DOJ-AT-00010838 | Email from Bonita Stewart to German Santana | Highly Confidential |
| PTX0997 | 10/21/2020 1:55 | GOOG-DOJ-AT-02641389 | GOOG-DOJ-AT-02641396 | Email from Chi Hea Cho to Pstaff et al. | Highly Confidential |
| PTX0998 | 10/21/2020 19:10 | GOOG-DOJ-AT-01815504 | GOOG-DOJ-AT-01815572 | Google presentation | Highly Confidential |
| PTX0999 | 10/29/2020 0:00 | GOOG-AT-MDL-B-004731760 | GOOG-AT-MDL-B-004731773 | Google presentation | Highly Confidential |
| PTX1000 | 10/29/2020 16:44 | GOOG-AT-MDL-014680318 | GOOG-AT-MDL-014680320 | Message from Vidhya Srinivasan to Christophe Combette | Confidential |
| PTX1001 | 10/29/2020 23:49 | GOOG-AT-MDL-007988633 | GOOG-AT-MDL-007988640 | Google document | Highly Confidential |
| PTX1002 | 10/30/2020 0:59 | GOOG-AT-MDL-019177661 | GOOG-AT-MDL-019177674 | Google presentation | Highly Confidential |
| PTX1003 | 11/5/2020 21:57 | GOOG-AT-MDL-004436720 | GOOG-AT-MDL-004436755 | Google document | Confidential |
| PTX1004 | 11/30/2020 0:00 | GOOG-DOJ-AT-01830500 | GOOG-DOJ-AT-01830504 | Email from Chris LaSala to Chetna Bindra et al. | Highly Confidential |
| PTX1005 | 12/14/2020 15:32 | GOOG-AT-MDL-012138433 | GOOG-AT-MDL-012138433 | Google spreadsheet | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-------------------------|---------------------------|---|---------------------|
| PTX1006 | 1/9/2021 2:10 | GOOG-DOJ-AT-02129456 | GOOG-DOJ-AT-02129470 | Email from Richard Zippel to Yuwen Liu et al. | Highly Confidential |
| PTX1007 | 1/17/2021 23:21 | GOOG-AT-MDL-008162765 | GOOG-AT-MDL-008162766 | Email from Suzanne Blackburn to Sissie Hsiao et al. | Highly Confidential |
| PTX1008 | 1/26/2021 0:23 | GOOG-DOJ-AT-02224349 | GOOG-DOJ-AT-02224354 | Google document | Highly Confidential |
| PTX1009 | 1/27/2021 15:22 | GOOG-AT-MDL-B-004441375 | GOOG-AT-MDL-B-004441375 | Message from Kevin Smilak to Erika Trautman et al. | Highly Confidential |
| PTX1010 | 1/29/2021 16:48 | GOOG-DOJ-AT-00029029 | GOOG-DOJ-AT-00029040 | Google document | Highly Confidential |
| PTX1011 | 2/5/2021 21:30 | GOOG-AT-MDL-009583794 | GOOG-AT-MDL-009583798 | Google document | Confidential |
| PTX1012 | 2/16/2021 20:27 | GOOG-DOJ-AT-00330626 | GOOG-DOJ-AT-00330692 | Google presentation | Highly Confidential |
| PTX1013 | 2/19/2021 13:24 | GOOG-DOJ-AT-01131595 | GOOG-DOJ-AT-01131598 | Google document | Highly Confidential |
| PTX1014 | 2/25/2021 15:26 | GOOG-DOJ-AT-01782271 | GOOG-DOJ-AT-01782273 | Google document | Highly Confidential |
| PTX1015 | 2/25/2021 19:02 | GOOG-AT-MDL-006508384 | GOOG-AT-MDL-006508385 | Google document | Confidential |
| PTX1016 | 3/1/2021 23:49 | GOOG-AT-MDL-002358894 | GOOG-AT-MDL-002358899 | Google document | Highly Confidential |
| PTX1017 | 3/2/2021 20:17 | GOOG-DOJ-AT-02003161 | GOOG-DOJ-AT-02003173 | Google presentation | Highly Confidential |
| PTX1018 | 3/2/2021 20:24 | GOOG-AT-MDL-011652369 | GOOG-AT-MDL-011652580 | Google document | Highly Confidential |
| PTX1019 | 3/4/2021 16:16 | GOOG-AT-MDL-011558460 | GOOG-AT-MDL-011558464 | Message from Google employee to Dale Harrison | Confidential |
| PTX1020 | 3/4/2021 16:16 | GOOG-AT-MDL-018460922 | GOOG-AT-MDL-018460924 | Message from Google employee to Dale Harrison | Highly Confidential |
| PTX1021 | 3/16/2021 15:25 | GOOG-DOJ-AT-01537917 | GOOG-DOJ-AT-01537925 | Google document | Highly Confidential |
| PTX1022 | 4/1/2021 15:20 | GOOG-AT-MDL-009584025 | GOOG-AT-MDL-009584035 | Message from Dan Taylor to Chris LaSala | Confidential |
| PTX1023 | 4/7/2021 | | | Pew Research Center Report titled "Social Media Use in 2021" | |
| PTX1024 | 4/10/2021 23:57 | GOOG-AT-MDL-019516657 | GOOG-AT-MDL-019516658 | Email from Ali Nasiri Amini to Nitish Korula et al. | Highly Confidential |
| PTX1025 | 4/12/2021 3:42 | GOOG-AT-MDL-003285718 | GOOG-AT-MDL-003285718 | Email from Nirmal Jayaram to Matt Wong et al. | Confidential |
| PTX1026 | 4/12/2021 22:05 | GOOG-AT-MDL-019465728 | GOOG-AT-MDL-019465732 | Email from Charlotte Smith to Jerry Dischler et al. | Highly Confidential |
| PTX1027 | 4/22/2021 13:40 | GOOG-AT-MDL-006636158 | GOOG-AT-MDL-006636160 | Email from Jessica Nussbaum to Lior Shenkar et al. | Highly Confidential |
| PTX1028 | 4/26/2021 6:04 | GOOG-AT-MDL-008880243 | GOOG-AT-MDL-008880252 | Google document | Confidential |
| PTX1029 | 5/10/2021 15:05 | GOOG-AT-MDL-011619755 | GOOG-AT-MDL-011619756 | Google document | Confidential |
| PTX1030 | 5/17/2021 19:47 | GOOG-AT-MDL-006508442 | GOOG-AT-MDL-006508453 | Google document | Highly Confidential |
| PTX1031 | 5/26/2021 8:16 | GOOG-DOJ-AT-02199478 | GOOG-DOJ-AT-02199555 | Google presentation | Highly Confidential |
| PTX1032 | 6/2/2021 21:29 | GOOG-DOJ-AT-02096682 | GOOG-DOJ-AT-02096692 | Google document | Highly Confidential |
| PTX1033 | 6/10/2021 17:09 | GOOG-AT-MDL-010777654 | GOOG-AT-MDL-010777658 | Message involving Jim Giles, Aparna Pappu, and other Google employees | Confidential |
| PTX1034 | 6/28/2021 19:59 | GOOG-DOJ-AT-02301558 | GOOG-DOJ-AT-02301626 | Google presentation | Highly Confidential |
| PTX1035 | 6/28/2021 20:00 | GOOG-DOJ-AT-02204351 | GOOG-DOJ-AT-02204391 | Google presentation | Highly Confidential |
| PTX1036 | 7/13/2021 17:19 | GOOG-AT-MDL-004549901 | GOOG-AT-MDL-004549902 | Google document | Highly Confidential |
| PTX1037 | 7/16/2021 13:19 | GOOG-AT-MDL-007363675 | GOOG-AT-MDL-007363675-004 | Email from Charlotte Smith to Jerry Dischler et al. | Highly Confidential |
| PTX1038 | 7/27/2021 17:00 | GOOG-AT-MDL-B-004440060 | GOOG-AT-MDL-B-004440060 | Message from Google employee to Jerry Dischler et al. | Highly Confidential |
| PTX1039 | 7/27/2021 18:17 | GOOG-AT-MDL-003404357 | GOOG-AT-MDL-003404362 | Email from Tim Craycroft to Ashish Gupta | Highly Confidential |
| PTX1040 | 8/4/2021 0:51 | GOOG-DOJ-AT-02321262 | GOOG-DOJ-AT-02321272 | Google document | Highly Confidential |
| PTX1041 | 9/14/2021 13:49 | GOOG-AT-MDL-003404482 | GOOG-AT-MDL-003404485 | Google document | Highly Confidential |
| PTX1042 | 9/15/2021 17:55 | GOOG-AT-MDL-006690144 | GOOG-AT-MDL-006690156 | Google document | Highly Confidential |
| PTX1043 | 9/21/2021 14:28 | GOOG-AT-MDL-009758848 | GOOG-AT-MDL-009758857 | Google presentation | Confidential |
| PTX1044 | 9/23/2021 3:55 | GOOG-AT-MDL-006778556 | GOOG-AT-MDL-006778634 | Google presentation | Highly Confidential |
| PTX1045 | 9/23/2021 9:35 | GOOG-AT-MDL-006609824 | GOOG-AT-MDL-006609880 | Google presentation | Highly Confidential |
| PTX1046 | 10/5/2021 0:47 | GOOG-DOJ-AT-02517083 | GOOG-DOJ-AT-02517083 | Google document | Highly Confidential |
| PTX1047 | 10/27/2021 16:32 | GOOG-AT-MDL-000888797 | GOOG-AT-MDL-000888808 | Google document | Confidential |
| PTX1048 | 11/2/2021 15:16 | GOOG-AT-MDL-007373729 | GOOG-AT-MDL-007373736 | Email from Google employee to Carlos Granda et al., with attachments | Confidential |
| PTX1049 | 11/30/2021 0:00 | GOOG-AT-MDL-004388403 | GOOG-AT-MDL-004388419 | Email from Krishna Brown to Katie Baxter et al., with attachments | Highly Confidential |
| PTX1050 | 12/1/2021 14:15 | GOOG-AT-MDL-004379104 | GOOG-AT-MDL-004379107 | Email from Alyssa Raiola to Taylor Rizzolino et al. | Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|------------------------------|----------------------------------|---|---------------------|
| PTX1051 | 12/13/2021 14:39 | GOOG-AT-MDL-017319069 | GOOG-AT-MDL-017319142 | Google document | Highly Confidential |
| PTX1052 | 12/14/2021 0:00 | GOOG-AT-MDL-008313255 | GOOG-AT-MDL-008313280 | Email from Karsten Venna to Micah Markman et al., with attachment | Highly Confidential |
| PTX1053 | 1/13/2022 0:00 | GOOG-AT-MDL-004388616 | GOOG-AT-MDL-004388672 | Email from Sabrina Abuzahra to Aaron Storer et al., with attachment | Highly Confidential |
| PTX1054 | 2/14/2022 17:14 | GOOG-AT-MDL-004550123 | GOOG-AT-MDL-004550125 | Google document | Highly Confidential |
| PTX1055 | 2/24/2022 18:29 | GOOG-AT-MDL-007319340 | GOOG-AT-MDL-007319348 | Google document | Highly Confidential |
| PTX1056 | 3/8/2022 17:04 | GOOG-AT-MDL-004653519 | GOOG-AT-MDL-004653526 | Email from Alyssa Raiola to Michael Brunner et al. | Confidential |
| PTX1057 | 3/17/2022 16:12 | GOOG-AT-MDL-015177997 | GOOG-AT-MDL-015177997 | Message from Rahul Kooverjee to Rahul Kooverjee | Confidential |
| PTX1058 | 3/30/2022 20:37 | GOOG-AT-MDL-015178119 | GOOG-AT-MDL-015178119 | Message from Rahul Kooverjee to Rahul Kooverjee | Confidential |
| PTX1059 | 5/18/2022 0:07 | GOOG-AT-MDL-006193952 | GOOG-AT-MDL-006194001 | Google presentation | Highly Confidential |
| PTX1060 | 5/20/2022 0:00 | GOOG-AT-MDL-019567369 | GOOG-AT-MDL-019567376 | Google document | Highly Confidential |
| PTX1061 | 5/31/2022 17:15 | GOOG-AT-MDL-006787466 | GOOG-AT-MDL-006787471 | Email from Michelle Hinkes to Sabrina Abuzahra et al. | Confidential |
| PTX1062 | 6/13/2022 13:45 | GOOG-AT-MDL-004550185 | GOOG-AT-MDL-004550186 | Email from Danielle Perrella to Melanie Nash et al. | Confidential |
| PTX1063 | 6/27/2022 16:24 | GOOG-AT-MDL-019357807 | GOOG-AT-MDL-019357810 | Google document | Highly Confidential |
| PTX1064 | 6/30/2022 21:03 | GOOG-AT-MDL-004568578 | GOOG-AT-MDL-004568635 | Google presentation | Highly Confidential |
| PTX1065 | 7/22/2022 20:43 | GOOG-AT-MDL-004347222 | GOOG-AT-MDL-004347222 | Google document | Highly Confidential |
| PTX1066 | 7/29/2022 21:32 | GOOG-AT-MDL-010525663 | GOOG-AT-MDL-010525897 | Email withheld for privilege with attachments | Highly Confidential |
| PTX1067 | 7/31/2022 3:55 | GOOG-AT-MDL-002641400 | GOOG-AT-MDL-002641407 | Email from Sushrut Karanjkar to Madeline Briere et al. | Confidential |
| PTX1068 | 8/1/2022 14:27 | GOOG-AT-MDL-001970341 | GOOG-AT-MDL-001970358 | Google document | Highly Confidential |
| PTX1069 | 8/8/2022 21:15 | GOOG-AT-MDL-008885721 | GOOG-AT-MDL-008885757 | Google document | Highly Confidential |
| PTX1070 | 8/16/2022 18:30 | GOOG-AT-MDL-008520405 | GOOG-AT-MDL-008520407 | Messages involving various Google employees | Confidential |
| PTX1071 | 8/19/2022 14:54 | GOOG-AT-MDL-006156098 | GOOG-AT-MDL-006156131 | Google presentation | Confidential |
| PTX1072 | 8/21/2022 22:31 | GOOG-AT-MDL-018529126 | GOOG-AT-MDL-018529133 | Google document | Highly Confidential |
| PTX1073 | 9/16/2022 21:04 | GOOG-AT-MDL-010523721 | GOOG-AT-MDL-010523743 | Google presentation | Confidential |
| PTX1074 | 9/20/2022 13:36 | GOOG-AT-MDL-001793318 | GOOG-AT-MDL-001793375 | Google presentation | Highly Confidential |
| PTX1075 | 9/20/2022 17:27 | GOOG-AT-MDL-008227470 | GOOG-AT-MDL-008227470 | Google spreadsheet | Highly Confidential |
| PTX1076 | 9/26/2022 22:20 | GOOG-AT-MDL-006816357 | GOOG-AT-MDL-006816383 | Google presentation | Highly Confidential |
| PTX1077 | 10/21/2022 16:21 | GOOG-AT-MDL-008891508 | GOOG-AT-MDL-008891508 | Email from Allie Bodack to Jerry Dischler et al. | Highly Confidential |
| PTX1078 | 10/21/2022 17:06 | GOOG-AT-MDL-008891509 | GOOG-AT-MDL-008891509 | Email from Jerry Dischler to Allie Bodack et al. | Highly Confidential |
| PTX1079 | 10/26/2022 14:12 | GOOG-AT-MDL-001849256 | GOOG-AT-MDL-001849258 | Email from Alex Propes to Dan Taylor et al. | Confidential |
| PTX1080 | 10/28/2022 0:00 | GOOG-DOJ-AT-02645892 | GOOG-DOJ-AT-02645892 | Google spreadsheet | Highly Confidential |
| PTX1081 | 10/31/2022 18:43 | GOOG-AT-MDL-008863320 | GOOG-AT-MDL-008863322 | Email from Ted Lazarus to Allie Bodack et al. | Confidential |
| PTX1082 | 11/1/2022 12:56 | GOOG-AT-MDL-008891538 | GOOG-AT-MDL-008891543 | Email from Allie Bodack to Ted Lazarus et al. | Highly Confidential |
| PTX1083 | 11/1/2022 13:37 | GOOG-AT-MDL-017191975 | GOOG-AT-MDL-017191979 | Email from Corey duBrowa to Sundar Pichai et al. | Highly Confidential |
| PTX1084 | 11/1/2022 14:36 | GOOG-AT-MDL-004210331 | GOOG-AT-MDL-004210334 | Email from Alyssa Raiola to Sabrina Abuzahra et al. | Highly Confidential |
| PTX1085 | 11/4/2022 21:25 | GOOG-AT-MDL-008886885 | GOOG-AT-MDL-008886890 | Google document | Highly Confidential |
| PTX1086 | 11/8/2022 22:39 | GOOG-AT-MDL-010689638 | GOOG-AT-MDL-010689653 | Google document | Highly Confidential |
| PTX1087 | 11/10/2022 14:56 | GOOG-AT-MDL-004530104 | GOOG-AT-MDL-004530114 | Google presentation | Confidential |
| PTX1088 | 11/17/2022 19:14 | GOOG-AT-MDL-017803396 | GOOG-AT-MDL-017803483 | Google presentation | Highly Confidential |
| PTX1089 | 11/21/2022 16:51 | GOOG-AT-MDL-000992438 | GOOG-AT-MDL-000992442 | Google document | Highly Confidential |
| PTX1090 | 11/30/2022 21:03 | GOOG-AT-MDL-004523396 | GOOG-AT-MDL-004523405 | Google document | Highly Confidential |
| PTX1091 | 11/30/2022 21:03 | GOOG-AT-MDL-008622817 | GOOG-AT-MDL-008622840 | Email from Jill Dozier to Gabrielle Scarpa et al., with attachments | Confidential |
| PTX1092 | 12/2/2022 11:02 | GOOG-DOJ-05782415-SQ20230508 | GOOG-DOJ-05782460-017-SQ20230508 | Google document | Confidential |
| PTX1093 | 12/2/2022 11:02 | GOOG-AT-MDL-019508780 | GOOG-AT-MDL-019508824 | Google document | Highly Confidential |
| PTX1094 | 12/5/2022 16:17 | GOOG-AT-MDL-007239240 | GOOG-AT-MDL-007239319 | Google document | Confidential |
| PTX1095 | 12/8/2022 4:06 | GOOG-AT-MDL-009538757 | GOOG-AT-MDL-009538795 | Google presentation | Highly Confidential |
| PTX1096 | 12/12/2022 0:00 | GOOG-AT-MDL-006217592 | GOOG-AT-MDL-006217626 | Google document | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX1097 | 12/15/2022 18:15 | GOOG-DOJ-AT-02649870 | GOOG-DOJ-AT-02649870 | Google spreadsheet | Highly Confidential |
| PTX1098 | 12/16/2022 0:00 | GOOG-AT-MDL-006218257 | GOOG-AT-MDL-006218270 | Google document | Highly Confidential |
| PTX1099 | 1/10/2023 13:53 | GOOG-AT-MDL-019508860 | GOOG-AT-MDL-019508897 | Google document | Highly Confidential |
| PTX1100 | 1/17/2023 13:50 | GOOG-AT-MDL-004184989 | GOOG-AT-MDL-004184990 | Email from Sabrina Abuzahra to Alyssa Raiola | Highly Confidential |
| PTX1101 | 1/26/2023 18:34 | GOOG-AT-MDL-009053112 | GOOG-AT-MDL-009053114 | Email from Allie Bodack (Google Docs) to Nitish Korula | Confidential |
| PTX1102 | 1/26/2023 19:36 | GOOG-AT-MDL-008314345 | GOOG-AT-MDL-008314479 | Google presentation | Confidential |
| PTX1103 | 2/2/2023 13:38 | GOOG-AT-MDL-012694825 | GOOG-AT-MDL-012694840 | Google document | Highly Confidential |
| PTX1104 | 2/9/2023 15:26 | GOOG-AT-MDL-007399442 | GOOG-AT-MDL-007399459 | Message from Aparna Pappu to Google employee, with attachments | Confidential |
| PTX1105 | 2/9/2023 15:26 | GOOG-AT-MDL-008017534 | GOOG-AT-MDL-008017551 | Message from Aparna Pappu to Google employee, with attachments | Confidential |
| PTX1106 | 2/9/2023 16:58 | GOOG-AT-MDL-009704804 | GOOG-AT-MDL-009704809 | Google presentation | Highly Confidential |
| PTX1107 | 2/9/2023 18:40 | GOOG-AT-MDL-012301658 | GOOG-AT-MDL-012301664 | Message from Woojin Kim to Google employees, with attachments | Confidential |
| PTX1108 | 2/9/2023 20:02 | GOOG-AT-MDL-012301665 | GOOG-AT-MDL-012301670 | Message from Google employee m to Woojin Kim, with attachments | Confidential |
| PTX1109 | 2/10/2023 16:39 | GOOG-AT-MDL-008284272 | GOOG-AT-MDL-008284327 | Google document | Highly Confidential |
| PTX1110 | 2/15/2023 16:59 | GOOG-AT-MDL-018738445 | GOOG-AT-MDL-018738447 | Google presentation | Highly Confidential |
| PTX1111 | 2/23/2023 19:12 | GOOG-AT-MDL-004211429 | GOOG-AT-MDL-004211459 | Google presentation | Confidential |
| PTX1112 | 2/27/2023 17:15 | GOOG-AT-MDL-008526909 | GOOG-AT-MDL-008526909 | Message from Chris Harris to Google employees, with attachment | Confidential |
| PTX1113 | 3/1/2023 22:55 | GOOG-AT-MDL-004347508 | GOOG-AT-MDL-004347509 | Google document | Highly Confidential |
| PTX1114 | 3/4/2023 1:02 | GOOG-AT-MDL-007390501 | GOOG-AT-MDL-007390527 | Google presentation | Highly Confidential |
| PTX1115 | 3/8/2023 11:43 | GOOG-AT-MDL-011642403 | GOOG-AT-MDL-011642403 | Google document | Confidential |
| PTX1116 | 3/9/2023 19:10 | GOOG-AT-MDL-009017857 | GOOG-AT-MDL-009017877 | Google presentation | Highly Confidential |
| PTX1117 | 3/16/2023 19:25 | GOOG-AT-MDL-019244380 | GOOG-AT-MDL-019244385 | Google document | Highly Confidential |
| PTX1118 | 3/17/2023 16:38 | GOOG-AT-MDL-009748859 | GOOG-AT-MDL-009748886 | Google presentation | Confidential |
| PTX1119 | 3/20/2023 15:11 | GOOG-AT-MDL-014331375 | GOOG-AT-MDL-014331379 | Google presentation | Highly Confidential |
| PTX1120 | 5/5/2023 2:50 | GOOG-AT-MDL-011817471 | GOOG-AT-MDL-011817491 | Google presentation | Confidential |
| PTX1121 | 5/10/2023 14:39 | GOOG-AT-MDL-006823531 | GOOG-AT-MDL-006823577 | Google presentation | Confidential |
| PTX1122 | 6/8/2023 20:43 | GOOG-AT-MDL-009831407 | GOOG-AT-MDL-009831419 | Google presentation | Confidential |
| PTX1123 | 6/8/2023 20:45 | GOOG-AT-MDL-009838112 | GOOG-AT-MDL-009838114 | Google document | Confidential |
| PTX1124 | 6/9/2023 2:15 | GOOG-AT-MDL-013133578 | GOOG-AT-MDL-013133608 | Google presentation | Highly Confidential |
| PTX1125 | 6/9/2023 2:47 | GOOG-AT-MDL-010267418 | GOOG-AT-MDL-010267439 | Google presentation | Confidential |
| PTX1126 | 6/9/2023 2:50 | GOOG-AT-MDL-010272691 | GOOG-AT-MDL-010272710 | Google document | Confidential |
| PTX1127 | 6/9/2023 15:35 | GOOG-AT-MDL-017424763 | GOOG-AT-MDL-017424844 | Google document | Highly Confidential |
| PTX1128 | 6/9/2023 15:53 | GOOG-AT-MDL-013290051 | GOOG-AT-MDL-013290062 | Google document | Highly Confidential |
| PTX1129 | 6/9/2023 16:01 | GOOG-AT-MDL-013293586 | GOOG-AT-MDL-013293611 | Google presentation | Highly Confidential |
| PTX1130 | 6/9/2023 16:01 | GOOG-AT-MDL-016927030 | GOOG-AT-MDL-016927089 | Google presentation | Confidential |
| PTX1131 | 6/16/2023 14:31 | GOOG-AT-MDL-007393541 | GOOG-AT-MDL-007393560 | Google presentation | Confidential |
| PTX1132 | 6/16/2023 14:31 | GOOG-AT-MDL-007393571 | GOOG-AT-MDL-007393586 | Google presentation | Confidential |
| PTX1133 | 6/16/2023 14:31 | GOOG-AT-MDL-007393486 | GOOG-AT-MDL-007393490 | Google document | Confidential |
| PTX1134 | 6/16/2023 14:31 | GOOG-AT-MDL-007393502 | GOOG-AT-MDL-007393511 | Google document | Confidential |
| PTX1135 | 6/22/2023 3:37 | GOOG-AT-MDL-019233838 | GOOG-AT-MDL-019233843 | Google document | Highly Confidential |
| PTX1136 | 6/22/2023 3:42 | GOOG-AT-MDL-012198323 | GOOG-AT-MDL-012198353 | Google presentation | Confidential |
| PTX1137 | 6/22/2023 10:10 | GOOG-AT-MDL-009969527 | GOOG-AT-MDL-009969563 | Google presentation | Confidential |
| PTX1138 | 6/22/2023 15:51 | GOOG-AT-MDL-016481501 | GOOG-AT-MDL-016481514 | Google presentation | Confidential |
| PTX1139 | 6/29/2023 2:51 | GOOG-DOJ-05539231 | GOOG-DOJ-05539258 | Google presentation | Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------------|--------------------|--------------------|---|-----------------|
| PTX1140 | 6/29/2023 8:15 | DOJ-ADS-0000068967 | DOJ-ADS-0000068967 | Google webpage titled "Advertising with Google Ad Manager - Google Ad Manager Help" | |
| PTX1141 | 6/29/2023 8:17 | DOJ-ADS-0000068999 | DOJ-ADS-0000069000 | Google webpage titled "Compare Ad Manager and AdSense - Google Ad Manager Help" | |
| PTX1142 | 6/29/2023 8:20 | DOJ-ADS-0000068949 | DOJ-ADS-0000068952 | Google webpage titled "Ad selection white paper - Google Ad Manager Help" | |
| PTX1143 | 6/29/2023 8:24 | DOJ-ADS-0000068975 | DOJ-ADS-0000068980 | Google webpage titled "Changes to Google Ad Manager - Google Ad Manager Help" | |
| PTX1144 | 6/29/2023 8:24 | DOJ-ADS-0000069001 | DOJ-ADS-0000069003 | Google webpage titled "Compare Ad Manager, AdSense, and AdMob - Google Ad Manager Help" | |
| PTX1145 | 6/29/2023 8:33 | DOJ-ADS-0000069253 | DOJ-ADS-0000069255 | Google webpage titled "Ways of transacting in Ad Manager - Google Ad Manager Help" | |
| PTX1146 | 6/29/2023 8:43 | DOJ-ADS-0000069182 | DOJ-ADS-0000069186 | Google webpage titled "Protected Audience API origin trial and Ad Manager - Google Ad Manager Help" | |
| PTX1147 | 6/29/2023 8:45 | DOJ-ADS-0000069220 | DOJ-ADS-0000069221 | Google webpage titled "Topics API and Ad Manager - Google Ad Manager Help" | |
| PTX1148 | 6/29/2023 8:45 | DOJ-ADS-0000068946 | DOJ-ADS-0000068948 | Google webpage titled "Ad Manager testing updates - Google Ad Manager Help" | |
| PTX1149 | 6/29/2023 9:21 | DOJ-ADS-0000069171 | DOJ-ADS-0000069179 | Google webpage titled "Programmatic Guaranteed deals - Display & Video 360 Help" | |
| PTX1150 | 6/29/2023 9:45 | DOJ-ADS-0000069315 | DOJ-ADS-0000069315 | Google webpage titled "Clickthrough rate (CTR)_ Definition - Google Ads Help" | |
| PTX1151 | 6/29/2023 9:48 | DOJ-ADS-0000069327 | DOJ-ADS-0000069327 | Google webpage titled "Cookie_ Definition - Google Ads Help" | |
| PTX1152 | 6/29/2023 9:49 | DOJ-ADS-0000069331 | DOJ-ADS-0000069331 | Google webpage titled "Cost-per-click (CPC)_ Definition - Google Ads Help" | |
| PTX1153 | 6/29/2023 9:49 | DOJ-ADS-0000069332 | DOJ-ADS-0000069332 | Google webpage titled "Cost-per-thousand impressions (CPM)_ Definition - Google Ads Help" | |
| PTX1154 | 6/29/2023 9:52 | DOJ-ADS-0000069348 | DOJ-ADS-0000069348 | Google webpage titled "Display Network_ Definition - Google Ads Help" | |
| PTX1155 | 6/29/2023 9:52 | DOJ-ADS-0000069349 | DOJ-ADS-0000069349 | Google webpage titled "Display partners - Google Ads Help" | |
| PTX1156 | 6/29/2023 10:27 | DOJ-ADS-0000069367 | DOJ-ADS-0000069367 | Google webpage titled "Frequency capping_ Definition - Google Ads Help" | |
| PTX1157 | 6/29/2023 10:30 | DOJ-ADS-0000069393 | DOJ-ADS-0000069393 | Google webpage titled "Google tag ID_ Definition - Google Ads Help" | |
| PTX1158 | 6/29/2023 10:37 | DOJ-ADS-0000069429 | DOJ-ADS-0000069429 | Google webpage titled "Mobile ad - Google Ads Help" | |
| PTX1159 | 6/29/2023 11:50 | DOJ-ADS-0000069476 | DOJ-ADS-0000069476 | Google webpage titled "Target cost-per-thousand impressions (tCPM)_ Definition - Google Ads Help" | |
| PTX1160 | 6/29/2023 12:00 | DOJ-ADS-0000068986 | DOJ-ADS-0000068988 | Google webpage titled "Choose a bid for your Display Network campaign - Google Ads Help" | |
| PTX1161 | 6/29/2023 12:47 | DOJ-ADS-0000068848 | DOJ-ADS-0000068850 | Google webpage titled "About Display ads and the Google Display Network - Google Ads Help" | |
| PTX1162 | 6/29/2023 13:19 | DOJ-ADS-0000068936 | DOJ-ADS-0000068938 | Google webpage titled "Ad Exchange in Google Ad Manager - Google Ad Manager Help" | |
| PTX1163 | 6/29/2023 16:25 | DOJ-ADS-0000069238 | DOJ-ADS-0000069242 | Google webpage titled "Unified pricing rules - Google Ad Manager Help" | |
| PTX1164 | 6/29/2023 17:11 | DOJ-ADS-0000068997 | DOJ-ADS-0000068998 | Google webpage titled "Choose your Smart Bidding strategy for Display campaigns - Google Ads Help" | |

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|----------------------|-----------------|-----------------------|-----------------------|---|-----------------|
| PTX1165 | 6/29/2023 17:20 | DOJ-ADS-0000068914 | DOJ-ADS-0000068915 | Google webpage titled "About targeting for Display campaigns - Google Ads Help" | |
| PTX1166 | 6/29/2023 17:23 | DOJ-ADS-0000069187 | DOJ-ADS-0000069188 | Google webpage titled "Reach your audience on apps and websites - Google Ads Help" | |
| PTX1167 | 6/29/2023 17:24 | DOJ-ADS-0000069111 | DOJ-ADS-0000069112 | Google webpage titled "How Google Ad Manager works with Google Ads - Google Ads Help" | |
| PTX1168 | 6/29/2023 17:26 | DOJ-ADS-0000069258 | DOJ-ADS-0000069258 | Google webpage titled "Why AdSense? - Google AdSense Help" | |
| PTX1169 | 6/29/2023 17:27 | DOJ-ADS-0000069032 | DOJ-ADS-0000069032 | Google webpage titled "Difference between AdSense and Google Ads - Google AdSense Help" | |
| PTX1170 | 6/29/2023 17:28 | DOJ-ADS-0000068965 | DOJ-ADS-0000068966 | Google webpage titled "AdSense revenue share - Google AdSense Help" | |
| PTX1171 | 6/29/2023 17:59 | DOJ-ADS-0000069506 | DOJ-ADS-0000069506 | Google webpage titled "Ad impressions - Google AdSense Help" | |
| PTX1172 | 6/29/2023 18:00 | DOJ-ADS-0000069510 | DOJ-ADS-0000069510 | Google webpage titled "Ad RPM - Google AdSense Help" | |
| PTX1173 | 6/29/2023 18:01 | DOJ-ADS-0000069522 | DOJ-ADS-0000069522 | Google webpage titled "Bid type - Google AdSense Help" | |
| PTX1174 | 6/29/2023 18:03 | DOJ-ADS-0000069529 | DOJ-ADS-0000069529 | Google webpage titled "Conversion - Google AdSense Help" | |
| PTX1175 | 6/29/2023 18:03 | DOJ-ADS-0000069530 | DOJ-ADS-0000069530 | Google webpage titled "Cookies - Google AdSense Help" | |
| PTX1176 | 6/29/2023 18:03 | DOJ-ADS-0000069531 | DOJ-ADS-0000069531 | Google webpage titled "Cost-per-click (CPC) - Google AdSense Help" | |
| PTX1177 | 6/29/2023 18:03 | DOJ-ADS-0000069534 | DOJ-ADS-0000069534 | Google webpage titled "CPM ads - Google AdSense Help" | |
| PTX1178 | 6/29/2023 18:22 | DOJ-ADS-0000068992 | DOJ-ADS-0000068996 | Google webpage titled "Choose the right campaign type - Google Ads Help" | |
| PTX1179 | 6/29/2023 18:45 | DOJ-ADS-0000068893 | DOJ-ADS-0000068896 | Google webpage titled "About similar segments on the Display Network - Google Ads Help" | |
| PTX1180 | 6/29/2023 18:48 | DOJ-ADS-0000069234 | DOJ-ADS-0000069235 | Google webpage titled "Understand how location is used by Google's Display Network - Google Ads Help" | |
| PTX1181 | 6/29/2023 22:01 | DOJ-ADS-0000068865 | DOJ-ADS-0000068867 | Google webpage titled "About Manual CPC bidding - Google Ads Help" | |
| PTX1182 | 6/29/2023 22:18 | DOJ-ADS-0000069257 | DOJ-ADS-0000069257 | Google webpage titled "What is inventory_ - Google Ad Manager Help" | |
| PTX1183 | 6/29/2023 22:20 | DOJ-ADS-0000069137 | DOJ-ADS-0000069141 | Google webpage titled "Inventory formats - Google Ad Manager Help" | |
| PTX1184 | 6/29/2023 22:39 | DOJ-ADS-0000069147 | DOJ-ADS-0000069147 | Google webpage titled "Maximize revenue with Google Ad Manager and AdSense - Google Ad Manager Help" | |
| PTX1185 | 6/29/2023 22:39 | DOJ-ADS-0000068939 | DOJ-ADS-0000068941 | Google webpage titled "Ad Exchange line items - Google Ad Manager Help" | |
| PTX1186 | 6/29/2023 22:45 | DOJ-ADS-0000069148 | DOJ-ADS-0000069148 | Google webpage titled "Media purchase options on the Display Network - Google Ads Help" | |
| PTX1187 | 6/29/2023 22:47 | DOJ-ADS-0000069124 | DOJ-ADS-0000069127 | Google webpage titled "How Open Bidding works - Google Ad Manager Help" | |
| PTX1188 | 7/12/2023 21:28 | GOOG-AT-MDL-008930621 | GOOG-AT-MDL-008930628 | Alphabet presentation | Confidential |
| PTX1189 | 7/14/2023 19:37 | GOOG-AT-MDL-008930806 | GOOG-AT-MDL-008930823 | Alphabet presentation | Confidential |
| PTX1190 | 8/2/2023 20:57 | GOOG-AT-MDL-009013129 | GOOG-AT-MDL-009013137 | Google document | Confidential |
| PTX1191 | 8/2/2023 20:57 | GOOG-AT-MDL-009013186 | GOOG-AT-MDL-009013191 | Google presentation | Confidential |
| PTX1192 | 8/3/2023 16:29 | GOOG-AT-MDL-009013736 | GOOG-AT-MDL-009013739 | Google document | Confidential |

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|----------------------|-----------------|-----------------------|-----------------------|--|---------------------|
| PTX1193 | 8/4/2023 0:00 | GOOG-AT-MDL-008842393 | GOOG-AT-MDL-008842406 | Google document | Highly Confidential |
| PTX1194 | 8/24/2023 19:15 | GOOG-AT-MDL-009589764 | GOOG-AT-MDL-009589767 | Google document | Highly Confidential |
| PTX1195 | 8/31/2023 0:00 | GOOG-AT-MDL-009644649 | GOOG-AT-MDL-009644649 | Launch ID Rasta Screenshot | Highly Confidential |
| PTX1196 | 9/12/2023 | | | EY, "Financial Reporting Developments - Revenue from Contracts with Customers (ASC 606)" | |
| PTX1197 | 11/16/2023 | | | Financial Accounting Foundation, "606 Revenue from Contracts with Customers" | |
| PTX1198 | 12/1/2023 0:00 | GOOG-AT-MDL-019567386 | GOOG-AT-MDL-019567393 | Google document | Highly Confidential |
| PTX1199 | 12/22/2023 | | | Figure 4, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1200 | 12/22/2023 | | | Figure 5, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1201 | 12/22/2023 | | | Figure 6, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1202 | 12/22/2023 | | | Figure 7, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1203 | 12/22/2023 | | | Figure 8, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1204 | 12/22/2023 | | | Figure 14, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1205 | 12/22/2023 | | | Figure 15, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1206 | 12/22/2023 | | | Figure 16, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1207 | 12/22/2023 | | | Figure 17, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1208 | 12/22/2023 | | | Figure 18, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1209 | 12/22/2023 | | | Figure 19, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1210 | 12/22/2023 | | | Figure 20, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1211 | 12/22/2023 | | | Figure 21, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1212 | 12/22/2023 | | | Figure 22, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1213 | 12/22/2023 | | | Figure 25, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1214 | 12/22/2023 | | | Figure 26, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1215 | 12/22/2023 | | | Figure 27, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1216 | 12/22/2023 | | | Figure 28, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1217 | 12/22/2023 | | | Figure 29, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1218 | 12/22/2023 | | | Figure 35, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1219 | 12/22/2023 | | | Figure 36, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1220 | 12/22/2023 | | | Figure 37, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1221 | 12/22/2023 | | | Figure 38, Initial Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1222 | 12/22/2023 | | | Figure 13, Initial Expert Report of Thomas Respass | Highly Confidential |
| PTX1223 | 12/22/2023 | | | Figure 15, Initial Expert Report of Thomas Respass | Highly Confidential |
| PTX1224 | 12/22/2023 | | | Figure 28, Initial Expert Report of Thomas Respass | Highly Confidential |
| PTX1225 | 12/22/2023 | | | Figure 30, Initial Expert Report of Thomas Respass | Highly Confidential |
| PTX1226 | 12/22/2023 | | | Figure 31, Initial Expert Report of Thomas Respass | Highly Confidential |
| PTX1227 | 12/22/2023 | | | Figure 23, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1228 | 12/22/2023 | | | Figure 31, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1229 | 12/22/2023 | | | Figure 32, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1230 | 12/22/2023 | | | Figure 34, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1231 | 12/22/2023 | | | Figure 35, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1232 | 12/22/2023 | | | Figure 36, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1233 | 12/22/2023 | | | Figure 51, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1234 | 12/22/2023 | | | Figure 37, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1235 | 12/22/2023 | | | Figure 38, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1236 | 12/22/2023 | | | Figure 45, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1237 | 12/22/2023 | | | Figure 47, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1238 | 12/22/2023 | | | Figure 48, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1239 | 12/22/2023 | | | Figure 49, Initial Expert Report of Robin S. Lee | Highly Confidential |

Plaintiffs' Trial Exhibit List

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|----------------------|------------|-----------|-----------|---|---------------------|
| PTX1240 | 12/22/2023 | | | Figure 50, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1241 | 12/22/2023 | | | Figure 54, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1242 | 12/22/2023 | | | Figure 55, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1243 | 12/22/2023 | | | Figure 56, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1244 | 12/22/2023 | | | Figure 57, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1245 | 12/22/2023 | | | Figure 66, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1246 | 12/22/2023 | | | Figure 67, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1247 | 12/22/2023 | | | Figure 73, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1248 | 12/22/2023 | | | Figure 74, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1249 | 12/22/2023 | | | Figure 78, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1250 | 12/22/2023 | | | Figure 80, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1251 | 12/22/2023 | | | Figure 81, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1252 | 12/22/2023 | | | Figure 82, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1253 | 12/22/2023 | | | Figure 83, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1254 | 12/22/2023 | | | Figure 84, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1255 | 12/22/2023 | | | Figure 85, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1256 | 12/22/2023 | | | Figure 86, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1257 | 12/22/2023 | | | Figure 87, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1258 | 12/22/2023 | | | Figure 88, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1259 | 12/22/2023 | | | Figure 89, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1260 | 12/22/2023 | | | Figure 90, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1261 | 12/22/2023 | | | Figure 91, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1262 | 12/22/2023 | | | Figure 92, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1263 | 12/22/2023 | | | Figure 93, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1264 | 12/22/2023 | | | Figure 94, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1265 | 12/22/2023 | | | Figure 95, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1266 | 12/22/2023 | | | Figure 96, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1267 | 12/22/2023 | | | Figure 97, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1268 | 12/22/2023 | | | Figure 98, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1269 | 12/22/2023 | | | Figure 99, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1270 | 12/22/2023 | | | Figure 100, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1271 | 12/22/2023 | | | Figure 101, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1272 | 12/22/2023 | | | Figure 102, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1273 | 12/22/2023 | | | Figure 103, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1274 | 12/22/2023 | | | Figure 104, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1275 | 12/22/2023 | | | Figure 105, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1276 | 12/22/2023 | | | Figure 106, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1277 | 12/22/2023 | | | Figure 107, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1278 | 12/22/2023 | | | Figure 108, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1279 | 12/22/2023 | | | Figure 109, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1280 | 12/22/2023 | | | Figure 110, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1281 | 12/22/2023 | | | Figure 111, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1282 | 12/22/2023 | | | Figure 112, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1283 | 12/22/2023 | | | Figure 113, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1284 | 12/22/2023 | | | Figure 114, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1285 | 12/22/2023 | | | Figure 115, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1286 | 12/22/2023 | | | Figure 116, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1287 | 12/22/2023 | | | Figure 117, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1288 | 12/22/2023 | | | Figure 118, Initial Expert Report of Robin S. Lee | Highly Confidential |

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| PTX1289 | 12/22/2023 | | | Figure 119, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1290 | 12/22/2023 | | | Figure 120, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1291 | 12/22/2023 | | | Figure 121, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1292 | 12/22/2023 | | | Figure 122, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1293 | 12/22/2023 | | | Figure 123, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1294 | 12/22/2023 | | | Figure 124, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1295 | 12/22/2023 | | | Figure 125, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1296 | 12/22/2023 | | | Figure 126, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1297 | 12/22/2023 | | | Figure 127, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1298 | 12/22/2023 | | | Figure 128, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1299 | 12/22/2023 | | | Figure 129, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1300 | 12/22/2023 | | | Figure 130, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1301 | 12/22/2023 | | | Figure 131, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1302 | 12/22/2023 | | | Figure 132, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1303 | 12/22/2023 | | | Figure 133, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1304 | 12/22/2023 | | | Figure 134, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1305 | 12/22/2023 | | | Figure 135, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1306 | 12/22/2023 | | | Figure 137, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1307 | 12/22/2023 | | | Figure 138, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1308 | 12/22/2023 | | | Figure 139, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1309 | 12/22/2023 | | | Figure 140, Initial Expert Report of Robin S. Lee | Highly Confidential |
| PTX1310 | 12/22/2023 | | | Figure 30, Initial Expert Report of Rosa Abrantes-Metz | Highly Confidential |
| PTX1311 | 12/22/2023 | | | Figure 31, Initial Expert Report of Rosa Abrantes-Metz | Highly Confidential |
| PTX1312 | 12/22/2023 | | | Figure 4, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1313 | 12/22/2023 | | | Figure 5, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1314 | 12/22/2023 | | | Figure 6, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1315 | 12/22/2023 | | | Figure 7, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1316 | 12/22/2023 | | | Figure 8, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1317 | 12/22/2023 | | | Figure 9, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1318 | 12/22/2023 | | | Figure 10, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1319 | 12/22/2023 | | | Figure 11, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1320 | 12/22/2023 | | | Figure 12, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1321 | 12/22/2023 | | | Figure 13, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1322 | 12/22/2023 | | | Figure 14, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1323 | 12/22/2023 | | | Figure 15, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1324 | 12/22/2023 | | | Figure 16, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1325 | 12/22/2023 | | | Figure 17, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1326 | 12/22/2023 | | | Table 1, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1327 | 12/22/2023 | | | Table 2, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1328 | 12/22/2023 | | | Table 3, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1329 | 12/22/2023 | | | Table 4, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1330 | 12/22/2023 | | | Table 5, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1331 | 12/22/2023 | | | Table 6, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1332 | 12/22/2023 | | | Table 7, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1333 | 12/22/2023 | | | Table 8, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1334 | 12/22/2023 | | | Table 9, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1335 | 12/22/2023 | | | Table 10, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1336 | 12/22/2023 | | | Table 11, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1337 | 12/22/2023 | | | Table 12, Initial Expert Report of Gabriel Weintraub | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|----------------|-------------------------|-------------------------|--|---------------------|
| PTX1338 | 12/22/2023 | | | Table 13, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1339 | 12/22/2023 | | | Table 1 of Appendix D, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1340 | 9/27/2017 4:52 | GOOG-TEX-00832175 | GOOG-TEX-00832178 | Email from Nitish Korula to Vahab Mirrokni et al. | Highly Confidential |
| PTX1341 | 12/22/2023 | | | Figure 2 of Appendix E, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1342 | 12/22/2023 | | | Figure 3 of Appendix E, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1343 | 12/22/2023 | | | Figure 5 of Appendix E, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1344 | 12/22/2023 | | | Figure 6 of Appendix E, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1345 | 12/22/2023 | | | Figure 7 of Appendix E, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1346 | 12/22/2023 | | | Figure 8 of Appendix E, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1347 | 12/22/2023 | | | Table 1 of Appendix F, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1348 | 12/22/2023 | | | Figure 1 of Appendix F, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1349 | 12/22/2023 | | | Figure 2 of Appendix F, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1350 | 12/22/2023 | | | Figure 3 of Appendix F, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1351 | 12/22/2023 | | | Figure 4 of Appendix F, Initial Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1352 | 2/6/2024 21:27 | GOOG-AT-MDL-B-005171156 | GOOG-AT-MDL-B-005171158 | Google document | Confidential |
| PTX1353 | 2/13/2024 | | | Figure 7, Rebuttal Expert Report of Kenneth Wilbur | Highly Confidential |
| PTX1354 | 2/13/2024 | | | Figure 9, Rebuttal Expert Report of Kenneth Wilbur | Highly Confidential |
| PTX1355 | 2/13/2024 | | | Figure 2, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1356 | 2/13/2024 | | | Figure 3, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1357 | 2/13/2024 | | | Figure 4, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1358 | 2/13/2024 | | | Figure 5, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1359 | 2/13/2024 | | | Figure 7, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1360 | 2/13/2024 | | | Figure 8, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1361 | 2/13/2024 | | | Figure 9, Rebuttal Expert Report of Wayne Hoyer | Highly Confidential |
| PTX1362 | 2/13/2024 | | | Figure 1, Rebuttal Expert Report Timothy Simcoe | Highly Confidential |
| PTX1363 | 2/13/2024 | | | Figure 2, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1364 | 2/13/2024 | | | Figure 3, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1365 | 2/13/2024 | | | Figure 4, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1366 | 2/13/2024 | | | Figure 5, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1367 | 2/13/2024 | | | Figure 6, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1368 | 2/13/2024 | | | Figure 7, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1369 | 2/13/2024 | | | Figure 8, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1370 | 2/13/2024 | | | Figure 9, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1371 | 2/13/2024 | | | Figure 10, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1372 | 2/13/2024 | | | Figure 11, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1373 | 2/13/2024 | | | Figure 12, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1374 | 2/13/2024 | | | Figure 13, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------|-----------|-----------|---|---------------------|
| PTX1375 | 2/13/2024 | | | Figure 14, Rebuttal Expert Report of Timothy Simcoe | Highly Confidential |
| PTX1376 | 2/13/2024 | | | Figure 1, Rebuttal Expert Report of Adoria Lim | Highly Confidential |
| PTX1377 | 2/13/2024 | | | Figure 2, Rebuttal Expert Report of Adoria Lim | Highly Confidential |
| PTX1378 | 2/13/2024 | | | Figure 5, Rebuttal Expert Report of Adoria Lim | Highly Confidential |
| PTX1379 | 2/13/2024 | | | Figure 6, Rebuttal Expert Report of Adoria Lim | Highly Confidential |
| PTX1380 | 2/13/2024 | | | Figure 7, Rebuttal Expert Report of Adoria Lim | Highly Confidential |
| PTX1381 | 2/13/2024 | | | Figure 8, Rebuttal Expert Report of Adoria Lim | Highly Confidential |
| PTX1382 | 2/13/2024 | | | Figure 10, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1383 | 2/13/2024 | | | Figure 12, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1384 | 2/13/2024 | | | Figure 13, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1385 | 2/13/2024 | | | Figure 14, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1386 | 2/13/2024 | | | Figure 15, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1387 | 2/13/2024 | | | Figure 16, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1388 | 2/13/2024 | | | Figure 17, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1389 | 2/13/2024 | | | Figure 18, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1390 | 2/13/2024 | | | Figure 22, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1391 | 2/13/2024 | | | Figure 23, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1392 | 2/13/2024 | | | Figure 25, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1393 | 2/13/2024 | | | Figure 26, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1394 | 2/13/2024 | | | Figure 27, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1395 | 2/13/2024 | | | Figure 28, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1396 | 2/13/2024 | | | Figure 29, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1397 | 2/13/2024 | | | Figure 30, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1398 | 2/13/2024 | | | Figure 31, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1399 | 2/13/2024 | | | Figure 32, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1400 | 2/13/2024 | | | Figure 33, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1401 | 2/13/2024 | | | Figure 34, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1402 | 2/13/2024 | | | Figure 35, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1403 | 2/13/2024 | | | Figure 36, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1404 | 2/13/2024 | | | Figure 38, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1405 | 2/13/2024 | | | Figure 39, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1406 | 2/13/2024 | | | Figure 40, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1407 | 2/13/2024 | | | Figure 41, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1408 | 2/13/2024 | | | Figure 42, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1409 | 2/13/2024 | | | Figure 43, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1410 | 2/13/2024 | | | Figure 46, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1411 | 2/13/2024 | | | Figure 47, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1412 | 2/13/2024 | | | Figure 48, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1413 | 2/13/2024 | | | Figure 49, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1414 | 2/13/2024 | | | Figure 50, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1415 | 2/13/2024 | | | Figure 51, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1416 | 2/13/2024 | | | Figure 52, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1417 | 2/13/2024 | | | Figure 53, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1418 | 2/13/2024 | | | Figure 54, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1419 | 2/13/2024 | | | Figure 55, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1420 | 2/13/2024 | | | Figure 56, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1421 | 2/13/2024 | | | Figure 57, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1422 | 2/13/2024 | | | Figure 58, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1423 | 2/13/2024 | | | Figure 59, Rebuttal Expert Report of Robin Lee | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------|-----------|-----------|--|---------------------|
| PTX1424 | 2/13/2024 | | | Figure 60, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1425 | 2/13/2024 | | | Figure 62, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1426 | 2/13/2024 | | | Figure 63, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1427 | 2/13/2024 | | | Figure 64, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1428 | 2/13/2024 | | | Figure 65, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1429 | 2/13/2024 | | | Figure 66, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1430 | 2/13/2024 | | | Figure 67, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1431 | 2/13/2024 | | | Figure 68, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1432 | 2/13/2024 | | | Figure 69, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1433 | 2/13/2024 | | | Figure 70, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1434 | 2/13/2024 | | | Figure 71, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1435 | 2/13/2024 | | | Figure 72, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1436 | 2/13/2024 | | | Figure 73, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1437 | 2/13/2024 | | | Figure 74, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1438 | 2/13/2024 | | | Figure 75, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1439 | 2/13/2024 | | | Figure 76, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1440 | 2/13/2024 | | | Figure 77, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1441 | 2/13/2024 | | | Figure 79, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1442 | 2/13/2024 | | | Figure 80, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1443 | 2/13/2024 | | | Figure 81, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1444 | 2/13/2024 | | | Figure 82, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1445 | 2/13/2024 | | | Figure 83, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1446 | 2/13/2024 | | | Figure 84, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1447 | 2/13/2024 | | | Figure 85, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1448 | 2/13/2024 | | | Figure 86, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1449 | 2/13/2024 | | | Figure 87, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1450 | 2/13/2024 | | | Figure 88, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1451 | 2/13/2024 | | | Figure 89, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1452 | 2/13/2024 | | | Figure 90, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1453 | 2/13/2024 | | | Figure 91, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1454 | 2/13/2024 | | | Figure 92, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1455 | 2/13/2024 | | | Figure 93, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1456 | 2/13/2024 | | | Figure 94, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1457 | 2/13/2024 | | | Figure 95, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1458 | 2/13/2024 | | | Figure 96, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1459 | 2/13/2024 | | | Figure 97, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1460 | 2/13/2024 | | | Figure 98, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1461 | 2/13/2024 | | | Figure 99, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1462 | 2/13/2024 | | | Figure 100, Rebuttal Expert Report of Robin Lee | Highly Confidential |
| PTX1463 | 2/13/2024 | | | Figure 1, Rebuttal Expert Report of Rosa Abrantes-Metz | Highly Confidential |
| PTX1464 | 2/13/2024 | | | Figure 1, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1465 | 2/13/2024 | | | Figure 2, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1466 | 2/13/2024 | | | Figure 3, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1467 | 2/13/2024 | | | Figure 4, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1468 | 2/13/2024 | | | Table 1, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1469 | 2/13/2024 | | | Table 2, Rebuttal Expert of Gabriel Weintraub | Highly Confidential |
| PTX1470 | 2/13/2024 | | | Table 3, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1471 | 2/13/2024 | | | Table 4, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX1472 | 2/13/2024 | | | Figure 1 of Appendix C, Rebuttal Expert Report of Gabriel Weintraub | Highly Confidential |
| PTX1473 | 3/4/2024 | | | Figure 1, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1474 | 3/4/2024 | | | Figure 2, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1475 | 3/4/2024 | | | Figure 3, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1476 | 3/4/2024 | | | Figure 4, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1477 | 3/4/2024 | | | Figure 5, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1478 | 3/4/2024 | | | Figure 6, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1479 | 3/4/2024 | | | Figure 7, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1480 | 3/4/2024 | | | Figure 8, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1481 | 3/4/2024 | | | Figure 9, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1482 | 3/4/2024 | | | Figure 10, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1483 | 3/4/2024 | | | Figure 11, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1484 | 3/4/2024 | | | Figure 12, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1485 | 3/4/2024 | | | Figure 13, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1486 | 3/4/2024 | | | Figure 14, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1487 | 3/4/2024 | | | Figure 15, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1488 | 3/4/2024 | | | Figure 16, Supplemental Expert Report of Robin S. Lee | Highly Confidential |
| PTX1489 | 9/19/2019 18:28 | GOOG-DOJ-32061391 | GOOG-DOJ-32061392 | Email from Nitish Korula to Rahul Srinivasan | Confidential |
| PTX1490 | 9/14/2018 18:03 | GOOG-DOJ-07956052 | GOOG-DOJ-07956053 | Email from Chris LaSala to Brendon Kraham et al. | Highly Confidential |
| PTX1491 | 4/5/2024 19:02 | GOOG-DOJ-04442217 | GOOG-DOJ-04442236 | Google document | Confidential |
| PTX1492 | 5/2/2024 22:48 | GOOG-AT-MDL-B-005112788 | GOOG-AT-MDL-B-005112791 | Google document | Confidential |
| PTX1493 | 4/5/2007 1:01 | MSFT-0000008546 | MSFT-0000008572 | Microsoft presentation | Highly Confidential |
| PTX1494 | 5/22/2023 | | | 2023.05.22 Google Objections to Plaintiffs' Fourth RFPs - CONFIDENTIAL | Confidential |
| PTX1495 | 11/10/2011 2:28 | GOOG-DOJ-11899167 | GOOG-DOJ-11899225 | Email from rev-team@google.com on behalf of Rikard Lindquist to madsteam@google.com et al., with attachments | Highly Confidential |
| PTX1496 | 2/5/2012 4:25 | OPENX-00003791 | OPENX-00003810 | OpenX presentation | Confidential |
| PTX1497 | 8/16/2013 21:49 | GOOG-DOJ-09916600 | GOOG-DOJ-09916600 | Email from Scott Spencer to Cyrus Beagley et al. | Highly Confidential |
| PTX1498 | 9/19/2013 11:13 | OPENX-00013460 | OPENX-00013471 | OpenX presentation | Confidential |
| PTX1499 | 10/11/2013 1:29 | OPENX-00013145 | OPENX-00013148 | OpenX document | Highly Confidential |
| PTX1500 | 11/5/2013 11:49 | OPENX-00000001 | OPENX-00000082 | OpenX presentation | Highly Confidential |
| PTX1501 | 11/15/2013 12:40 | OPENX-00013601 | OPENX-00013625 | Email from John Gentry to Tim Cadogan, with attachment | Highly Confidential |
| PTX1502 | 12/3/2013 21:53 | OPENX-00013626 | OPENX-00013636 | OpenX presentation | Highly Confidential |
| PTX1503 | 12/6/2013 19:28 | OPENX-00013598 | OPENX-00013600 | Email from Tim Cadogan to Nino Marakovic et al. | Highly Confidential |
| PTX1504 | 2/28/2014 0:00 | COM-CID-00252865 | COM-CID-00252895 | Email from Carissa Kidd to Robert Drucker et al., with attachment | Confidential |
| PTX1505 | 7/9/2014 14:44 | FBDOJ001489822 | FBDOJ001489823 | Email from Mike Hudack to Mark Zuckerberg et al. | Confidential |
| PTX1506 | 9/2/2014 19:01 | OPENX-00013637 | OPENX-00013645 | OpenX document | Highly Confidential |
| PTX1507 | 12/2/2014 14:31 | GOOG-DOJ-09250413 | GOOG-DOJ-09250417 | Email from Jonathan Bellack to Sara Walsh et al. | Highly Confidential |
| PTX1508 | 12/10/2014 14:07 | GOOG-AT-MDL-B-001628420 | GOOG-AT-MDL-B-001628428 | Email from xfp-optimization-tech@google.com on behalf of Martin Pal to Vahab Mirrokni et al. | Confidential |
| PTX1509 | 12/13/2014 0:10 | GOOG-AT-MDL-B-002610033 | GOOG-AT-MDL-B-002610034 | Email from xfp-optimization-tech@google.com on behalf of Bahman Rabii to Martin Pal et al. | Confidential |
| PTX1510 | 12/16/2014 17:07 | GOOG-DOJ-03546944 | GOOG-DOJ-03546947 | Email from Scott Silver to Eisar Lipkovitz et al. | Highly Confidential |
| PTX1511 | 12/17/2014 23:29 | GOOG-DOJ-07810467 | GOOG-DOJ-07810467 | Email from Tobias Maurer to Brad Bender | Highly Confidential |
| PTX1512 | 1/12/2015 14:37 | OPENX-00003073 | OPENX-00003083 | OpenX presentation | Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
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| PTX1513 | 1/13/2015 17:24 | GOOG-DOJ-07810578 | GOOG-DOJ-07810593 | Google presentation | Highly Confidential |
| PTX1514 | 1/30/2015 17:14 | GOOG-AT-MDL-B-001387353 | GOOG-AT-MDL-B-001387357 | Email from drx-eng-mgrs@google.com on behalf of Martin Pal to Drew Bradstock et al. | Confidential |
| PTX1515 | 2/5/2015 17:02 | GOOG-AT-MDL-004059920 | GOOG-AT-MDL-004059923 | Email from Nitish Korula to Max Loubser et al. | Confidential |
| PTX1516 | 3/18/2015 17:09 | GOOG-DOJ-14500160 | GOOG-DOJ-14500162 | Email from Drew Bradstock to Nicole Pruess et al. | Highly Confidential |
| PTX1517 | 3/25/2015 9:49 | GOOG-DOJ-15182420 | GOOG-DOJ-15182423 | Google document | Highly Confidential |
| PTX1518 | 7/28/2015 19:31 | OPENX-00001050 | OPENX-00001066 | OpenX presentation | Highly Confidential |
| PTX1519 | 8/18/2015 19:58 | TTD_0009846 | TTD_0009892 | Email from Bennett Crumbling to TTD Employees, with attachment | Confidential |
| PTX1520 | 10/11/2016 15:12 | GOOG-DOJ-14380845 | GOOG-DOJ-14380845 | Email from Eisar Lipkovitz to Aparna Pappu | Highly Confidential |
| PTX1521 | 10/8/2015 0:39 | GOOG-DOJ-15221042 | GOOG-DOJ-15221080 | Google presentation | Highly Confidential |
| PTX1522 | 10/11/2015 19:29 | GOOG-TEX-00091538 | GOOG-TEX-00091543 | Email from Jonathan Bellack to Scott Spencer et al. | Highly Confidential |
| PTX1523 | 12/12/2015 2:00 | GANNETT_GOOG_0010190 | GANNETT_GOOG_0010190 | Email from Tim Wolfe to Dave Mir | Highly Confidential |
| PTX1524 | 1/29/2016 10:49 | FBDOJGOOG_00124139 | FBDOJGOOG_00124146 | Email from Adam Davison to Zoheb Hajiyani et al., with attachments | Confidential |
| PTX1525 | 2/5/2016 11:55 | OPENX-00004104 | OPENX-00004124 | OpenX presentation | Confidential |
| PTX1526 | 3/30/16 | GOOG-ADTCH-00575720 | GOOG-ADTCH-00575721 | Email from Paul Muret to Jonathan Bellack | Highly Confidential |
| PTX1527 | 4/2016 | | | Financial Accounting Standards Board document titled "Revenue from Contracts with Customers (Topic 606)" | |
| PTX1528 | 4/5/2016 18:19 | GOOG-AT-MDL-B-001117566 | GOOG-AT-MDL-B-001117568 | Email from drx-quality@google.com on behalf of Martin Pal to Eu-Jin Goh et al. | Confidential |
| PTX1529 | 4/18/2016 19:08 | DAN000021 | DAN000026 | Google presentation | Confidential |
| PTX1530 | 5/5/2016 4:46 | FBDOJGOOG_00828926 | FBDOJGOOG_00828930 | Email from Narain Jhangiani-Jashanmal to Carolyn Everson et al., with attachment | Confidential |
| PTX1531 | 6/22/2016 10:54 | AMZNDOJ0134960 | AMZNDOJ0134961 | Email from Miranda Chen to Matthew Battles et al. | Confidential |
| PTX1532 | 6/24/2016 0:00 | GOOG-AT-MDL-B-004498126 | GOOG-AT-MDL-B-004498155 | Google presentation | Confidential |
| PTX1533 | 7/21/2016 10:11 | OPENX-00007346 | OPENX-00007381 | OpenX presentation | Confidential |
| PTX1534 | 7/26/2016 22:45 | TTD_0011744 | TTD_0011762 | Email from Jed Dederick to BD Strategists et al., with attachment | Confidential |
| PTX1535 | 8/9/2016 12:27 | FBDOJGOOG_00784059 | FBDOJGOOG_00784060 | Email from Alvin Bowles to Brian Boland | Confidential |
| PTX1536 | 8/12/2016 9:37 | FBDOJGOOG_00038404 | FBDOJGOOG_00038406 | Email from Swarna Kakodkar to Erwin Castellanos et al. | Confidential |
| PTX1537 | 9/2/2016 14:41 | GOOG-AT-MDL-B-001119624 | GOOG-AT-MDL-B-001119625 | Email from Martin Pal to Nitish Korula et al. | Confidential |
| PTX1538 | 9/5/16 | GOOG-ADTCH-00581029 | GOOG-ADTCH-00581042 | Email from Eisar Lipkovitz to Jonathan Bellack et al. | Highly Confidential |
| PTX1539 | 9/20/2016 1:44 | GOOG-DOJ-14156104 | GOOG-DOJ-14156107 | Email from Nitish Korula to Tobias Maurer et al. | Highly Confidential |
| PTX1540 | 10/3/2016 14:06 | FBDOJ012559571 | FBDOJ012559602 | Facebook presentation | Confidential |
| PTX1541 | 10/7/2016 12:54 | GOOG-AT-MDL-B-001120812 | GOOG-AT-MDL-B-001120814 | Email from Martin Pal to Jim Giles et al. | Confidential |
| PTX1542 | 10/13/2016 15:53 | FBDOJGOOG_00276825 | FBDOJGOOG_00276831 | Email from Swarna Kakodkar to David Jakubowski et al. | Confidential |
| PTX1543 | 10/17/2016 23:26 | GOOG-TEX-00002601 | GOOG-TEX-00002605 | Email from Jonathan Bellack to Aparna Pappu | Highly Confidential |
| PTX1544 | 10/24/2016 16:22 | FBDOJGOOG_00857922 | FBDOJGOOG_00857926 | Email from John Donahue to David Jakubowski, with attachments | Confidential |
| PTX1545 | 11/7/2016 18:37 | GOOG-DOJ-13546142 | GOOG-DOJ-13546148 | Email from Nirmal Jayaram to David Maymudes et al. | Highly Confidential |
| PTX1546 | 12/19/2016 12:06 | FBDOJ012327277 | FBDOJ012327291 | Email from Francesca Pignataro to Henry Erskine Crum et al., with attachment | Confidential |
| PTX1547 | 1/3/2017 22:16 | GOOG-TEX-00121159 | GOOG-TEX-00121174 | Email from Chris Harris to Eisar Lipkovitz et al. | Highly Confidential |
| PTX1548 | 1/6/2017 13:44 | GOOG-AT-MDL-B-001123902 | GOOG-AT-MDL-B-001123903 | Email from Martin Pal to Jim Giles et al. | Confidential |
| PTX1549 | 2/15/2017 17:08 | FBDOJ010863645 | FBDOJ010863662 | Facebook document | Confidential |
| PTX1550 | 2/28/2017 1:15 | FBDOJGOOG_01111517 | FBDOJGOOG_01111547 | Facebook presentation | Confidential |
| PTX1551 | 3/3/2017 12:57 | GOOG-DOJ-13391555 | GOOG-DOJ-13391559 | Email from Martin Pal to Gargi Sur et al. | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-----------------------------|-----------------------------|---|---------------------|
| PTX1552 | 3/7/2017 3:43 | FBDOJ003476860 | FBDOJ003476861 | Email from David Jakubowski to Brian Boland, with attachment | Confidential |
| PTX1553 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1554 | 3/16/2017 17:19 | FBDOJGOOG_00780829 | FBDOJGOOG_00780831 | Facebook document | Confidential |
| PTX1555 | 3/21/2017 11:51 | FBDOJGOOG_00861213 | FBDOJGOOG_00861214 | Email from David Jakubowski to Caroline Couvillon | Confidential |
| PTX1556 | 3/31/17 12:34 | | | AdExchanger article titled "Google Removes Its 'Last Look' Auction Advantage," by Sarah Sluis | |
| PTX1557 | 4/7/2017 15:29 | OPENX-00003677 | OPENX-00003700 | OpenX presentation | Confidential |
| PTX1558 | 4/19/2017 23:00 | GOOG-DOJ-07252312 | GOOG-DOJ-07252316 | Email from Martin Pal to Duke Dukellis et al. | Highly Confidential |
| PTX1559 | 5/20/2017 1:48 | GOOG-DOJ-13557289 | GOOG-DOJ-13557290 | Email from Maria Hui to Ali Amini et al. | Highly Confidential |
| PTX1560 | 6/27/2017 22:42 | OPENX-00001093 | OPENX-00001119 | OpenX presentation | Highly Confidential |
| PTX1561 | 7/13/2017 0:00 | CRITEO GOOGLELIT_0000015509 | CRITEO GOOGLELIT_0000015556 | Criteo presentation | Highly Confidential |
| PTX1562 | 7/14/2017 0:00 | ATT-GCID-00000001 | ATT-GCID-00000098 | AT&T document | Highly Confidential |
| PTX1563 | 7/25/2017 1:51 | FBDOJGOOG_00779705 | FBDOJGOOG_00779742 | Facebook document | Confidential |
| PTX1564 | 7/26/2017 16:29 | GOOG-AT-MDL-B-001130098 | GOOG-AT-MDL-B-001130098 | Email from Jim Giles to Martin Pal et al. | Confidential |
| PTX1565 | 8/1/2017 12:17 | FBDOJ012304337 | FBDOJ012304337 | Email from Swarna Kakodkar to Brian Boland et al. | Confidential |
| PTX1566 | 8/3/2017 10:55 | FBDOJ012387658 | FBDOJ012387658 | Email from Swarna Kakodkar to David Jakubowski et al. | Confidential |
| PTX1567 | 9/24/2017 10:40 | FBDOJGOOG_00855903 | FBDOJGOOG_00855906 | Email from David Jakubowski to Henry Erskine Crum et al., with attachment | Confidential |
| PTX1568 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1569 | 10/12/2017 10:21 | GOOG-AT-MDL-B-001132777 | GOOG-AT-MDL-B-001132782 | Email from Martin Pal to Nitish Korula et al. | Confidential |
| PTX1570 | 10/20/2017 13:41 | GOOG-AT-MDL-B-002168049 | GOOG-AT-MDL-B-002168052 | Email from Jim Giles to Martin Pal et al. | Confidential |
| PTX1571 | 10/30/2017 7:59 | FBDOJ012376039 | FBDOJ012376040 | Email from John Wren to Savina Velkova et al. | Confidential |
| PTX1572 | 12/18/2017 0:00 | FBDOJ012979686 | FBDOJ012979701 | Facebook document | Confidential |
| PTX1573 | 1/3/2018 15:22 | OPENX-00000682 | OPENX-00000719 | OpenX presentation | Highly Confidential |
| PTX1574 | 1/23/2018 22:19 | AMZNDOJ0120916 | AMZNDOJ0120921 | Email from Ken Leeder to Ken Leeder, with attachment | Confidential |
| PTX1575 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1576 | 2/8/2018 5:35 | FBDOJ003189143 | FBDOJ003189145 | Email from Henry Eskrine Crum to Dan Rose et al. | Confidential |
| PTX1577 | 2/8/2018 5:45 | FBDOJGOOG_00744539 | FBDOJGOOG_00744541 | Email from Dan Rose to Henry Eskrine Crum et al. | Confidential |
| PTX1578 | 2/8/2018 13:55 | FBDOJGOOG_00954175 | FBDOJGOOG_00954177 | Email from Stephanie Wang to Henry Eskrine Crum | Confidential |
| PTX1579 | 2/27/2018 4:29 | FBDOJGOOG_00499093 | FBDOJGOOG_00499112 | Email from Henry Eskrine Crum to Sheryl Sandberg et al., with attachments | Confidential |
| PTX1580 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1581 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1582 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1583 | 3/5/2018 8:35 | FBDOJ009471990 | FBDOJ009471991 | Email from David Jakubowski to Dan Rose et al. | Confidential |
| PTX1584 | 3/11/2018 15:56 | FBDOJGOOG_00251811 | FBDOJGOOG_00251814 | Email from Ami Vora to Yoav Arstein et al. | Confidential |
| PTX1585 | 3/15/2018 23:36 | GOOG-AT-MDL-014302168 | GOOG-AT-MDL-014302171 | Email from Nimral Jayaram to Max Lin et al. | Confidential |
| PTX1586 | 3/16/2018 11:55 | GOOG-AT-MDL-012206646 | GOOG-AT-MDL-012206649 | Email from Martin Pal to Ali Nasiri Amini et al. | Highly Confidential |
| PTX1587 | 3/16/2018 18:05 | GOOG-TEX-00085512 | GOOG-TEX-00085514 | Email from Payam Shodjai to Brad Bender | Highly Confidential |
| PTX1588 | 3/19/2018 13:05 | FBDOJGOOG_00274747 | FBDOJGOOG_00274752 | Email from Sheryl Sandberg to Dan Rose et al. | Confidential |
| PTX1589 | 3/19/2018 15:47 | FBDOJGOOG_00991924 | FBDOJGOOG_00991973 | Facebook presentation and spreadsheet | Confidential |
| PTX1590 | 5/10/2018 17:56 | GOOG-DOJ-04725104 | GOOG-DOJ-04725108 | Email from Ajay Bangla to Nimral Jayaram et al. | Highly Confidential |
| PTX1591 | 5/11/2018 14:59 | GOOG-AT-MDL-B-001143446 | GOOG-AT-MDL-B-001143446 | Email from Nitish Korula to Martin Pal et al. | Confidential |
| PTX1592 | 6/4/2018 0:00 | FBDOJGOOG_01176330 | FBDOJGOOG_01176373 | Facebook document | Confidential |
| PTX1593 | 6/4/2018 13:50 | FBDOJ013017855 | FBDOJ013017893 | Facebook document | Confidential |
| PTX1594 | 6/6/2018 10:18 | FBDOJGOOG_00791595 | FBDOJGOOG_00791596 | Message from Henry Eskrine Crum to Brian Boland | Confidential |
| PTX1595 | 8/2/2018 11:42 | GOOG-AT-MDL-B-002168567 | GOOG-AT-MDL-B-002168570 | Email from Martin Pal to Nimral Jayaram et al. | Confidential |
| PTX1596 | 9/26/2018 16:02 | GOOG-AT-MDL-019425293 | GOOG-AT-MDL-019425295 | Google document | Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|---------------------------|--------------------------|---|---------------------|
| PTX1597 | 9/28/2018 2:31 | FBDOJ012641326 | FBDOJ012641373 | Facebook document | Confidential |
| PTX1598 | 10/2/2018 0:00 | CRI-00000149 | CRI-00000162 | Criteo document | Confidential |
| PTX1599 | 11/15/2018 19:18 | GOOG-AT-MDL-B-001296996 | GOOG-AT-MDL-B-001296996 | Email from Alex Shellhammer to Jonathan Meltzer | Confidential |
| PTX1600 | 11/21/2018 10:18 | OPENX-00006011 | OPENX-00006011 | Email from Tim Cadogan to Sam Cox | Confidential |
| PTX1601 | 12/3/2018 20:24 | OPENX-00002175 | OPENX-00002207 | OpenX presentation | Highly Confidential |
| PTX1602 | 12/5/2018 22:39 | GOOG-DOJ-07832462 | GOOG-DOJ-07832466 | Email from David Maymudes to Roshan Khan et al. | Highly Confidential |
| PTX1603 | 12/13/2018 22:32 | MSFT-LIT-0000002972 | MSFT-LIT-0000003007 | Microsoft presentation | Highly Confidential |
| PTX1604 | 3/19/2019 21:04 | OPENX-00001996 | OPENX-00002042 | OpenX presentation | Highly Confidential |
| PTX1605 | 4/22/2019 16:20 | GOOG-DOJ-13494286 | GOOG-DOJ-13494294 | Google presentation | Highly Confidential |
| PTX1606 | 4/22/2019 18:08 | DM GOOG 0010492 | DM GOOG 0010494 | Email from Matthew Wheatland to Richard Caccappolo | Highly Confidential |
| PTX1607 | 4/24/2019 19:36 | RUBICON-00001139 | RUBICON-00001141 | Email from Todd Smith to Mark Balababian et al. | Highly Confidential |
| PTX1608 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1609 | 5/29/2019 10:21 | DM GOOG 0001014 | DM GOOG 0001014 | Email from Hannah Buitekant to Adam Leslie et al. | Highly Confidential |
| PTX1610 | 7/1/2019 0:00 | RUBICON-00000102 | RUBICON-00000155 | Rubicon document | Highly Confidential |
| PTX1611 | 7/20/2019 14:26 | GOOG-DOJ-03047055 | GOOG-DOJ-03047076 | Google presentation | Highly Confidential |
| PTX1612 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1613 | 7/29/2019 7:23 | FBDOJGOOG_01000317 | FBDOJGOOG_01000345 | Facebook presentation | Confidential |
| PTX1614 | 8/8/2019 21:15 | GOOG-DOJ-11726308 | GOOG-DOJ-11726359 | Google presentation | Highly Confidential |
| PTX1615 | 9/4/2019 0:00 | NEWSCORP-DOJCID-00001570 | NEWSCORP-DOJCID-00001582 | Newscorp presentation | Confidential |
| PTX1616 | 9/9/2019 0:00 | PUBMATIC DOJ-00000041 | PUBMATIC DOJ-00000069 | Pubmatic document | Highly Confidential |
| PTX1617 | 9/10/2019 23:40 | KVL00000989 | KVL00000994 | Email from James Avery to Dave Paresh et al. | Highly Confidential |
| PTX1618 | 9/14/2019 18:23 | GOOG-DOJ-AT-00572966 | GOOG-DOJ-AT-00572967 | Email from Ajay Bangla to Nirmal Jayaram | Highly Confidential |
| PTX1619 | 9/17/2019 9:07 | VZGGL-CID-00000001 | VZGGL-CID-00000062 | Verizon document | Highly Confidential |
| PTX1620 | 10/9/2019 15:36 | FBDOJGOOG_01131238 | FBDOJGOOG_01131247 | Email from Sean Ryan to Gianluca Pucacco, with attachment | Confidential |
| PTX1621 | 10/14/2019 0:00 | PUBMATIC DOJ-00012158 | PUBMATIC DOJ-00012158 | Email from Samsuddin Ahmed to Amar Goel et al. | Confidential |
| PTX1622 | 10/14/2019 21:23 | GOOG-DOJ-06885161 | GOOG-DOJ-06885170 | Google document | Confidential |
| PTX1623 | 10/18/2019 19:04 | IPG-ADTECH_002361 | IPG-ADTECH_002388 | Google document | Confidential |
| PTX1624 | 10/19/2019 16:35 | GOOG-DOJ-03034316 | GOOG-DOJ-03034362 | Google presentation | Highly Confidential |
| PTX1625 | 10/28/2019 17:15 | GOOG-AT-MDL-007027432 | GOOG-AT-MDL-007027435 | Email from Chris LaSala to Jonathon Wong et al. | Confidential |
| PTX1626 | 10/29/2019 0:00 | ATT-GCID-00000680 | ATT-GCID-00000711 | Xandr document | Highly Confidential |
| PTX1627 | 10/31/2019 13:20 | VZGGL-CID-00001216 | VZGGL-CID-00001276 | Verizon document | Highly Confidential |
| PTX1628 | 11/14/2019 14:47 | ATT-GCID-00111192 | ATT-GCID-00111288 | AT&T presentations | Confidential |
| PTX1629 | 12/4/2019 22:13 | GOOG-DOJ-06886033 | GOOG-DOJ-06886060 | Google presentation | Highly Confidential |
| PTX1630 | 12/7/2019 6:09 | NEWSCORP-DOJCID-00002436 | NEWSCORP-DOJCID-00002486 | NewsCorp presentation | Confidential |
| PTX1631 | 1/24/2020 2:39 | GOOG-DOJ-15158868 | GOOG-DOJ-15158869 | Email from Nitish Korula to Steven Shin et al. | Highly Confidential |
| PTX1632 | 2/13/2020 4:47 | GOOG-AT-MDL-003810424 | GOOG-AT-MDL-003810431 | Google presentation | Confidential |
| PTX1633 | 2/18/2020 13:10 | DM GOOG_0058123 | DM GOOG_0058138 | Email from Matthew Wheatland to Feifan Chen et al., with attachment | Highly Confidential |
| PTX1634 | 2/18/2020 15:25 | DM GOOG_0027446 | DM GOOG_0027448 | Email from Matthew Wheatland to Richard Caccappolo et al. | Highly Confidential |
| PTX1635 | 3/17/2020 15:56 | GOOG-DOJ-AT-02162134 | GOOG-DOJ-AT-02162142 | Google document | Highly Confidential |
| PTX1636 | 3/19/2020 18:50 | DM GOOG_0058021 | DM GOOG_0058025 | Email from Matthew Wheatland to Feifan Chen | Highly Confidential |
| PTX1637 | 3/31/2020 6:08 | AMZNDJOJ0075289 | AMZNDJOJ0075296 | Email from Matthew Battles to Cem Sibay et al. | Confidential |
| PTX1638 | 3/31/2020 14:23 | OPENX-00001445 | OPENX-00001501 | OpenX presentation | Highly Confidential |
| PTX1639 | 4/9/2020 0:00 | RUBICON-00000094 | RUBICON-00000098 | Rubicon document | Confidential |
| PTX1640 | 4/17/2020 10:54 | DM GOOG_0058016 | DM GOOG_0058020 | Email from Matthew Wheatland to Richard Caccappolo et al. | Highly Confidential |
| PTX1641 | 5/6/2020 9:33 | GOOG-AT-MDL-010657378 | GOOG-AT-MDL-010657383 | Email from Rikke Riber Rasmussen to Hal Varian | Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|--------------------------|--------------------------|--|---------------------|
| PTX1642 | 5/25/2020 23:54 | NEWSCORP-DOJCID-00003193 | NEWSCORP-DOJCID-00003318 | NewsCorp document | Confidential |
| PTX1643 | 5/26/2020 21:49 | NEWSCORP-DOJCID-00026134 | NEWSCORP-DOJCID-00026147 | NewsCorp document | Confidential |
| PTX1644 | 5/27/2020 0:00 | ATT-GCID-00000883 | ATT-GCID-00000894 | Xandr document | Highly Confidential |
| PTX1645 | 6/12/2020 3:46 | FBDOJGOOG 00884328 | FBDOJGOOG 00884329 | Email from Ivan Kozhevnikov to Toby Wilkins et al., with attachment | Confidential |
| PTX1646 | 6/23/2020 16:22 | GOOG-DOJ-AT-01510462 | GOOG-DOJ-AT-01510482 | Google presentation | Highly Confidential |
| PTX1647 | 7/3/2020 20:35 | CRI-00000197 | CRI-00000210 | Criteo document | Confidential |
| PTX1648 | 7/13/2020 22:18 | TTD 0000024 | TTD 0000036 | The Trade Desk document | Confidential |
| PTX1649 | 7/27/2020 23:31 | MSFT-LIT-0000002193 | MSFT-LIT-0000002260 | Microsoft presentation | Highly Confidential |
| PTX1650 | 8/27/2020 15:48 | TTD 0003039 | TTD 0003058 | The Trade Desk presentation | Confidential |
| PTX1651 | 8/27/2020 15:55 | TTD 0005614 | TTD 0005615 | The Trade Desk document | Confidential |
| PTX1652 | 10/10/2020 6:27 | GOOG-DOJ-AT-01917966 | GOOG-DOJ-AT-01918008 | Google presentation | Highly Confidential |
| PTX1653 | 2/1/2021 0:00 | NEWSCORP GOOG 0002089 | NEWSCORP GOOG 0002135 | The European Commission document | Highly Confidential |
| PTX1654 | 2/1/2021 15:20 | IPG-ADTECH 000012 | IPG-ADTECH 000037 | IPG Document | Confidential |
| PTX1655 | 2/26/2021 5:26 | NIKE0000108 | NIKE0000145 | Nike presentation | Highly Confidential |
| PTX1656 | 3/3/2021 | | | LinkedIn Profile of Woojin Kim | |
| PTX1657 | 12/22/2021 22:55 | MSFT-LIT-0000039894 | MSFT-LIT-0000039898 | Microsoft document | Highly Confidential |
| PTX1658 | 2/2022 | | | IAB document titled "IAB Europe's Guide to In-App Advertising" | |
| PTX1659 | 2/23/2022 14:25 | MSFT-LIT-0000018503 | MSFT-LIT-0000018503 | Microsoft presentation | Highly Confidential |
| PTX1660 | 7/28/2022 0:00 | EQUATIV-000000352 | EQUATIV-000000414 | Equativ presentation | Highly Confidential |
| PTX1661 | 8/2022 | | | IAB document titled "Internet Advertising Revenue Report: Full-year 2022 results" "Ad Format Guidelines for Digital Video and CTV" | |
| PTX1662 | 8/17/2022 14:06 | GOOG-AT-MDL-002447434 | GOOG-AT-MDL-002447462 | Email from Tantee Karmakar to Kristen O'Hara et al., with attachment | Highly Confidential |
| PTX1663 | 10/11/2022 17:00 | GOOG-AT-MDL-011120632 | GOOG-AT-MDL-011120648 | Google presentation | Confidential |
| PTX1664 | 1/2023 | | | Bellack Central webpage titled "Why I Left Google" | |
| PTX1665 | 1/9/2023 15:39 | GOOG-AT-MDL-002038381 | GOOG-AT-MDL-002038387 | Email from Casper Verhoofstad to Eden Adamu et al. | Highly Confidential |
| PTX1666 | 1/27/2023 | | | 2023.01.27 Tweet written | |
| PTX1667 | 1/30/2023 5:04 | | | ABC News article titled "I'm still shocked: Tech workers offer insider account of mass layoffs," by Max Zahn and Nakylah Carter | |
| PTX1668 | 3/2023 | | | The CMO Survey document titled "Managing Brand, Growth, and Metrics" | |
| PTX1669 | 3/27/2023 16:40 | GOOG-AT-MDL-008285890 | GOOG-AT-MDL-008286018 | Google presentation | Highly Confidential |
| PTX1670 | 4/2023 | | | IAB document titled "Internet Advertising Revenue Report: Full-year 2022 results" | |
| PTX1671 | 5/10/2023 0:00 | MAGNITE-00013445 | MAGNITE-00013492 | Magnite presentation | Highly Confidential |
| PTX1672 | 5/10/2023 0:00 | MAGNITE-00007152 | MAGNITE-00007337 | Magnite presentation | Highly Confidential |
| PTX1673 | 5/11/2023 0:00 | EQUATIV-000000082 | EQUATIV-000000089 | Google document | Highly Confidential |
| PTX1674 | 6/2/2023 0:00 | EQUATIV-000000001 | EQUATIV-000000077 | Google document | Highly Confidential |
| PTX1675 | 6/9/2023 2:15 | GOOG-AT-MDL-013133551 | GOOG-AT-MDL-013133577 | Google presentation | Highly Confidential |
| PTX1676 | 6/14/2023 16:32 | NEWSCORP GOOG 0000045 | NEWSCORP GOOG 0000047 | Email from Jennifer Castillo to Lyndsey Hayes et al. | Highly Confidential |
| PTX1677 | 6/15/2023 14:49 | PBMT-ANTRST-002691 | PBMT-ANTRST-002697 | Pubmatic presentation | Confidential |
| PTX1678 | 6/15/2023 16:53 | GOOG-AT-MDL-004300268 | GOOG-AT-MDL-004300333 | Google presentation | Confidential |
| PTX1679 | 6/23/2023 0:00 | EQUATIV-000000415 | EQUATIV-000000417 | Email from Jesus Carrera to Ingrid Couasnon | Highly confidential |
| PTX1680 | 6/23/2023 0:00 | EQUATIV-000000422 | EQUATIV-000000423 | Email from Arnaud Creput to Juan Manuel Alvarez et al. | Highly Confidential |
| PTX1681 | 6/23/2023 0:00 | EQUATIV-000000420 | EQUATIV-000000421 | Email from Jesus Carrera to Arnaud Creput et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|-----------------|---------------------------------|---------------------------------|---|---------------------|
| PTX1682 | 6/24/2023 0:00 | EQUATIV-000000090 | EQUATIV-000000090 | Equativ spreadsheet | Highly Confidential |
| PTX1683 | 6/24/2023 0:00 | EQUATIV-000000091 | EQUATIV-000000091 | Equativ spreadsheet | Highly Confidential |
| PTX1684 | 6/26/2023 | | | Crain Communications Inc. document titled "Ad Age Leading National Advertisers 2023: 200 biggest advertisers" | |
| PTX1685 | 7/11/2023 23:17 | MSFT-LIT-0000080465 | MSFT-LIT-0000080511 | Microsoft document | Highly Confidential |
| PTX1686 | 7/11/2023 23:17 | MSFT-LIT-0000081139 | MSFT-LIT-0000081141 | Email from Melanie A. Hallas to Marie-Madeleine Husunu | Highly Confidential |
| PTX1687 | 7/11/2023 23:17 | MSFT-LIT-0000081051 | MSFT-LIT-0000081138 | Microsoft document | Highly Confidential |
| PTX1688 | 7/11/2023 23:17 | MSFT-LIT-0000065451 | MSFT-LIT-0000065484 | Microsoft document | Highly Confidential |
| PTX1689 | 7/11/2023 23:17 | MSFT-LIT-0000065419 | MSFT-LIT-0000065450 | Microsoft document | Highly Confidential |
| PTX1690 | 7/11/2023 23:28 | MSFT-LIT-0000081451 | MSFT-LIT-0000081483 | Microsoft document | Highly Confidential |
| PTX1691 | 7/11/2023 23:28 | MSFT-LIT-0000081374 | MSFT-LIT-0000081404 | Microsoft document | Highly Confidential |
| PTX1692 | 7/12/2023 16:39 | YAH_GG_LIT_004590 | YAH_GG_LIT_004595 | Yahoo document | Highly Confidential |
| PTX1693 | 8/3/2023 17:22 | NYTGOOGADTECH-000741 | NYTGOOGADTECH-000784 | New York Times Presentation | Highly Confidential |
| PTX1694 | 12/31/2023 | | | X post written by Jonathan Bellack | |
| PTX1695 | 1/30/2024 | | | Google.com webpage titled "Google Ad Manager Help - Help Center - About native ads" | |
| PTX1696 | 2/1/2024 | | | Google.com webpage titled "Google Ads Help - Help Center - About video ad formats" | |
| PTX1697 | 2/1/2024 | | | Google.com webpage titled "Updates to video publisher policy in 2024 - Publisher Policies Help" | |
| PTX1698 | 2/4/2024 | | | Google.com webpage titled "Analytics Help - [GA4] Funnel exploration" | |
| PTX1699 | 2/13/2024 | | | Amazon.com webpage titled "What is display advertising? A beginner's guide" | |
| PTX1700 | 2/13/2024 | | | Amazon.com webpage titled "What is digital advertising? A beginner's guide" | |
| PTX1701 | 6/4/2024 9:25 | | | Bellack Central webpage titled "Jonathan Bellack's Professional Experience" | |
| PTX1702 | 7/15/2020 0:00 | Public-Newscorp-ATR001-00000010 | Public-Newscorp-ATR001-00000012 | NewCorp document | |
| PTX1703 | 7/12/2019 0:06 | Public-Newscorp-ATR001-00000001 | Public-Newscorp-ATR001-00000009 | NewCorp document | |
| PTX1704 | 6/24/2024 16:31 | | | Google webpage titled "Take Control of All Your Ad Sales - Google Ad Manager" | |
| PTX1705 | 6/24/2024 16:32 | | | Google webpage titled "Generate Ad Exchange ad tags - Google Ad Manager Help" | |
| PTX1706 | 6/24/2024 16:32 | | | Google webpage titled "Earn Advertising Revenue with Yield Management - Google Ad Manager" | |
| PTX1707 | 3/30/2015 0:00 | TTD_DOJ-GOOG23-0001954 | TTD_DOJ-GOOG23-0001956 | The Trade Desk document | Highly Confidential |
| PTX1708 | 3/16/2017 0:00 | FBDOJ012737577 | FBDOJ012737578 | Facebook document | Confidential |
| PTX1709 | 7/5/2017 22:13 | FBDOJGOOG_01186933 | FBDOJGOOG_01186940 | Facebook document | Confidential |
| PTX1710 | 10/4/2017 10:54 | FBDOJ012956407 | FBDOJ012956407 | Facebook document | Confidential |
| PTX1711 | 1/1/2019 0:00 | NEWSCORP-DOJCID-00003014 | NEWSCORP-DOJCID-00003017 | NewCorp document | Confidential |
| PTX1712 | 12/18/2019 0:00 | FBDOJGOOG_01148571 | FBDOJGOOG_01148574 | Facebook document | Confidential |
| PTX1713 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1714 | 2/3/2022 0:00 | TTD_DOJ-GOOG23-0001957 | TTD_DOJ-GOOG23-0001974 | The Trade Desk document | Highly Confidential |
| PTX1715 | 8/31/2022 0:00 | TTD_DOJ-GOOG23-0001975 | TTD_DOJ-GOOG23-0001990 | The Trade Desk document | Highly Confidential |
| PTX1716 | 6/8/2023 22:58 | GOOG-AT-MDL-013105366 | GOOG-AT-MDL-013105379 | Google document | Highly Confidential |
| PTX1717 | Undated | DM_GOOG_0000642 | DM_GOOG_0000647 | DMGT presentation | Highly Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|--------------------------------|--------------------------------|--|---------------------|
| PTX1718 | Undated | TTD_DOJ-GOOG23-0001156 | TTD_DOJ-GOOG23-0001172 | The Trade Desk presentation | Highly Confidential |
| PTX1719 | Undated | FBDOJ012851003 | FBDOJ012851012 | Facebook document | Confidential |
| PTX1720 | 9/29/2014 0:00 | Public-WPP-ATR001-00000001 | Public-WPP-ATR001-00000025 | WPP document | |
| PTX1721 | 2/13/2012 1:16 | GOOG-DOJ-14837888 | GOOG-DOJ-14837894 | Email from Scott Spency to Jason Bigler et al. | Highly Confidential |
| PTX1722 | 10/29/2013 21:03 | GOOG-AT-MDL-014630352 | GOOG-AT-MDL-014630354 | Email from Woojin Kim to Scott Spencer et al. | Confidential |
| PTX1723 | 11/4/2013 18:39 | GOOG-AT-MDL-019060395 | GOOG-AT-MDL-019060396 | Alphabet, Inc | Confidential |
| PTX1724 | 1/16/2014 0:19 | GOOG-TEX-00653816 | GOOG-TEX-00653861 | Alphabet, Inc | Highly Confidential |
| PTX1725 | 10/20/2015 15:04 | GOOG-AT-MDL-003364905 | GOOG-AT-MDL-003364907 | Email from Scott Sheffer to Anthony Nakache et al. | Confidential |
| PTX1726 | 11/23/2015 0:00 | GOOG-AT-MDL-B-004100720 | GOOG-AT-MDL-B-004100764 | Alphabet, Inc. document | Highly Confidential |
| PTX1727 | 11/24/2015 22:49 | GOOG-DOJ-32565428 | GOOG-DOJ-32565428 | Email from Woojin Kim to Bahman Rabii et al. | Confidential |
| PTX1728 | 1/6/2016 18:50 | GOOG-DOJ-11765784 | GOOG-DOJ-11765785 | Email from Bryan Rowley to Jerome Grateau et al. | Highly Confidential |
| PTX1729 | 1/8/2016 23:58 | GOOG-AT-MDL-013711389 | GOOG-AT-MDL-013711394 | Email from opg.global-leadership@google.com on behalf of Scott Sheffer to PBS Management Team et al. | Confidential |
| PTX1730 | 1/11/2016 19:14 | GOOG-DOJ-12711795 | GOOG-DOJ-12711805 | Alphabet, Inc | Confidential |
| PTX1731 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1732 | 4/11/2016 19:09 | GOOG-DOJ-28517565 | GOOG-DOJ-28517569 | Email from Joan Hunter to Woojin Kim et al. | Confidential |
| PTX1733 | 5/10/2016 21:50 | GOOG-DOJ-13521990 | GOOG-DOJ-13521993 | Email from Tobias Maurer to Dima Kuzmin et al. | Highly Confidential |
| PTX1734 | 10/19/2016 1:35 | GOOG-AT-MDL-B-001121416 | GOOG-AT-MDL-B-001121416 | Email from Jim Giles to Nitish Korula et al. | Confidential |
| PTX1735 | 10/27/2016 10:33 | GOOG-AT-MDL-B-001121650 | GOOG-AT-MDL-B-001121650 | Email from Glenn Berntson to Nitish Korula et al. | Confidential |
| PTX1736 | 11/10/2016 20:06 | GOOG-DOJ-02852767 | GOOG-DOJ-02852769 | Message from Brad Bender to Payam Shodjai | Highly Confidential |
| PTX1737 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1738 | 8/8/2017 10:25 | GOOG-DOJ-14162034 | GOOG-DOJ-14162039 | Google document | Highly Confidential |
| PTX1739 | 10/11/2017 3:09 | GOOG-AT-MDL-B-002114983 | GOOG-AT-MDL-B-002114983 | Email from Ali Amini to Jim Giles | Confidential |
| PTX1740 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1741 | 12/6/2017 19:18 | GOOG-AT-MDL-009513807 | GOOG-AT-MDL-009513807 | Email from Eddie Higgins to Danielle Romain et al. | Confidential |
| PTX1742 | 12/7/2017 7:33 | GOOG-DOJ-09002381 | GOOG-DOJ-09002386 | Google document | Highly Confidential |
| PTX1743 | 3/14/2018 22:14 | GOOG-DOJ-02855484 | GOOG-DOJ-02855524 | Google presentation | Highly Confidential |
| PTX1744 | 5/17/2018 15:57 | GOOG-DOJ-07955157 | GOOG-DOJ-07955161 | Email from Chris LaSala to Bryan Rowley et al. | Highly Confidential |
| PTX1745 | 5/18/2018 17:38 | GOOG-DOJ-08470881 | GOOG-DOJ-08470884 | Email from Johnathan Bellack to Donald Harrison | Highly Confidential |
| PTX1746 | 6/6/2018 18:31 | GOOG-TEX-00040294 | GOOG-TEX-00040332 | Google presentation | Highly Confidential |
| PTX1747 | 6/19/2018 15:20 | GOOG-DOJ-11347849 | GOOG-DOJ-11347849 | Email from Payam Shodjai to David Goodman | Highly Confidential |
| PTX1748 | 8/13/2018 11:21 | FBDOJGOOG_01140379 | FBDOJGOOG_01140379 | Email from Elisabeth Diana to Monique Hall et al. | Confidential |
| PTX1749 | 5/13/2019 15:17 | GOOG-AT-MDL-013301522 | GOOG-AT-MDL-013301522 | Email from Rita Ren to Santosh Cirupati | Highly Confidential |
| PTX1750 | 6/8/2019 20:26 | ADOBE – CID 30473 – 0000072943 | ADOBE – CID 30473 – 0000072959 | Email from Adam Rose to Keith Eadie, with attachment | Confidential |
| PTX1751 | 8/21/2019 21:48 | GOOG-DOJ-14223315 | GOOG-DOJ-14223316 | Email from Noam Wolf to Rob Hazan et al. | Highly Confidential |
| PTX1752 | 9/5/2019 21:14 | GOOG-DOJ-29729087 | GOOG-DOJ-29729090 | Google presentation | Confidential |
| PTX1753 | 10/28/2019 16:18 | GOOG-AT-MDL-008991752 | GOOG-AT-MDL-008991754 | Message from Guilio Minguzzi to Rahul Srinivasan | Confidential |
| PTX1754 | 11/19/2019 14:29 | GOOG-AT-MDL-007344449 | GOOG-AT-MDL-007344455 | Email from David Garcia to Peentoo Patel et al. | Highly Confidential |
| PTX1755 | 2/4/2020 22:01 | GOOG-DOJ-11890293 | GOOG-DOJ-11890326 | Google presentation | Highly Confidential |
| PTX1756 | 9/15/2020 20:13 | GOOG-AT-MDL-001401514 | GOOG-AT-MDL-001401516 | Google document | Highly Confidential |
| PTX1757 | 2/4/2021 16:13 | GOOG-AT-MDL-006037366 | GOOG-AT-MDL-006037373 | Google document | Highly Confidential |
| PTX1758 | 5/10/2021 0:00 | TTD_DOJ-GOOG23-0013630 | TTD_DOJ-GOOG23-0013751 | The Trade Desk document | Highly Confidential |
| PTX1759 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1760 | 9/17/2021 | FBDOJGOOG-INV-00000022 | FBDOJGOOG-INV-00000022 | Facebook Data Production | Highly Confidential |
| PTX1761 | 1/9/2023 21:40 | GOOG-AT-MDL-001064910 | GOOG-AT-MDL-001064910 | Google spreadsheet | Highly Confidential |
| PTX1762 | 4/28/2023 10:13 | FBDOJGOOG_01495007 | FBDOJGOOG_01495016 | Google Workplace webpage | Highly Confidential |
| PTX1763 | 5/2/2023 0:00 | CRITEO GOOGLELIT_0000000761 | CRITEO GOOGLELIT_0000000761 | Criteo Data Production | Highly Confidential |
| PTX1764 | 6/5/2023 | | | 2023.06.05 Google Responses to Plaintiffs' Fourth RFPs | Highly Confidential |
| PTX1765 | 6/8/2023 20:43 | GOOG-AT-MDL-009831092 | GOOG-AT-MDL-009831094 | Google document | Confidential |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|-----------------------------|-----------------------------|---|---------------------|
| PTX1766 | 6/8/2023 20:43 | GOOG-AT-MDL-009831506 | GOOG-AT-MDL-009831519 | Google presentation | Confidential |
| PTX1767 | 6/8/2023 20:43 | GOOG-AT-MDL-009832388 | GOOG-AT-MDL-009832390 | Google document | Confidential |
| PTX1768 | 6/22/2023 1:28 | GOOG-AT-MDL-011124130 | GOOG-AT-MDL-011124651 | Google presentation | Confidential |
| PTX1769 | 6/22/2023 2:44 | GOOG-AT-MDL-019430588 | GOOG-AT-MDL-019430601 | Google document | Highly Confidential |
| PTX1770 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1771 | 8/25/2023 0:00 | CRITEO_GOOGLELIT_0000015578 | CRITEO_GOOGLELIT_0000015578 | Criteo Data Production | Highly Confidential |
| PTX1772 | 9/8/2023 | | | 2023.09.08 Verified Google's Amended Supplemental Response to Interrogatory 3 (HIGHLY CONFIDENTIAL) | Highly Confidential |
| PTX1773 | 10/6/2023 | | | 2023.10.06 Letter from D. Pearl to K. Garcia | Highly Confidential |
| PTX1774 | 11/8/2023 | | | 2023.11.08 Letter from E. Mahr to J. Wood | Highly Confidential |
| PTX1775 | 11/15/2023 | | | 2023.11.15 Letter from E. Mahr to J. Wood | Highly Confidential |
| PTX1776 | 12/8/2023 | | | 2023.12.08 Letter from A. Mauser to M. Freeman | Highly Confidential |
| PTX1777 | Undated | | | Google document titled "You Said What?! 10 Things to Ensure You Are Communicating with Care" | Confidential |
| PTX1778 | 12/22/2023 | | | Curriculum Vitae of Professor Robin S. Lee, Ph.D. | |
| PTX1779 | 12/22/2023 | | | Curriculum Vitae of Gabriel Weintraub, Ph.D. | |
| PTX1780 | 12/22/2023 | | | Curriculum Vitae of Ramamoorthi Ravi, Ph.D. | |
| PTX1781 | 12/22/2023 | | | Curriculum Vitae of Rosa Abrantes-Metz, Ph.D. | |
| PTX1782 | 12/22/2023 | | | Curriculum Vitae of Timothy Simcoe, Ph.D. | |
| PTX1783 | 2/13/2024 | | | Curriculum Vitae of Adoria Lim | |
| PTX1784 | 2/13/2024 | | | Curriculum Vitae of Kenneth C. Wilbur, Ph.D. | |
| PTX1785 | 2/13/2024 | | | Curriculum Vitae of Wayne D. Hoyer, Ph.D. | |
| PTX1786 | Undated | NYT_TXAG_00000108 | NYT_TXAG_00000115 | New York Times presentation | Highly Confidential |
| PTX1787 | 4/27/2023 | | | 2023.04.27 Revised Google Responses to Plaintiffs' First Interrogatories - HIGHLY CONFIDENTIAL and CONFIDENTIAL | Highly Confidential |
| PTX1788 | 9/1/2023 | | | 2023.09.01 Google's Responses to Plaintiffs' Fifth Set of ROGs | Highly Confidential |
| PTX1789 | 6/27/2024 22:24 | | | Facebook.com webpage titled "Code of Conduct" | |
| PTX1790 | 2/14/2011 4:09 | GOOG-TEX-00772670 | GOOG-TEX-00772766 | Email from Jonathan Bellack with attachment | Confidential |
| PTX1791 | 9/21/2008 18:14 | GOOG-DOJ-01270484 | GOOG-DOJ-01270490 | Email from Ivan Ernest to Alan Eustace | Highly Confidential |
| PTX1792 | 4/19/2018 15:39 | GOOG-AT-MDL-012366403 | GOOG-AT-MDL-012366425 | Message from Aparna Pappu to Sagnik Nandy et al., with attachment | Confidential |
| PTX1793 | 12/17/2018 9:01 | GOOG-AT-MDL-B-004290134 | GOOG-AT-MDL-B-004290137 | Messages involving various Google employees | Confidential |
| PTX1794 | 11/18/2020 0:00 | GOOG-AT-MDL-009709520 | GOOG-AT-MDL-009709521 | Google document | Highly Confidential |
| PTX1795 | 2/26/2021 0:00 | GOOG-AT-MDL-009709508 | GOOG-AT-MDL-009709509 | Google document | Highly Confidential |
| PTX1796 | 10/1/2021 0:00 | GOOG-AT-MDL-009709522 | GOOG-AT-MDL-009709523 | Google document | Highly Confidential |
| PTX1797 | 11/10/2021 18:15 | GOOG-AT-MDL-010366478 | GOOG-AT-MDL-010366478 | Messages involving various Google employees | Confidential |
| PTX1798 | 2/8/2022 16:08 | GOOG-AT-MDL-008033073 | GOOG-AT-MDL-008033076 | Messages involving various Google employees | Confidential |
| PTX1799 | 2/25/2022 0:00 | GOOG-AT-MDL-009709506 | GOOG-AT-MDL-009709507 | Google document | Highly Confidential |
| PTX1800 | 7/29/2022 22:49 | GOOG-AT-MDL-002984931 | GOOG-AT-MDL-002984965 | Google presentation | Confidential |
| PTX1801 | 2/24/2023 21:01 | GOOG-AT-MDL-009480562 | GOOG-AT-MDL-009480566 | Message from Susan Blackburn to Dan Taylor et al. | Confidential |
| PTX1802 | 5/17/2023 0:00 | GOOG-AT-MDL-009709518 | GOOG-AT-MDL-009709519 | Google document | Highly Confidential |
| PTX1803 | 9/16/2008 23:01 | GOOG-DOJ-29864619 | GOOG-DOJ-29864620 | Email from Matthew Drake to Bill Coughran et al. | Confidential |
| PTX1804 | 11/21/2016 18:09 | GOOG-DOJ-12713557 | GOOG-DOJ-12713558 | Message from Roberto Ruju to Chris LaSala | Highly Confidential |
| PTX1805 | 1/11/2016 18:24 | GOOG-DOJ-14432746 | GOOG-DOJ-14432772 | Google presentation | Highly Confidential |
| PTX1806 | 1/11/2019 17:24 | GOOG-DOJ-AT-01680360 | GOOG-DOJ-AT-01680369 | Email from Rahul Srinivasan to Sam Temes et al. | Highly Confidential |

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------------|---------------------------|-------------------------|--|---------------------|
| PTX1807 | 2/28/2020 13:29 | FBDOJ011922116 | FBDOJ011922168 | Message from J. Mark Hou to Tom Cunningham, with attachments | Confidential |
| PTX1808 | 6/2/2021 19:19 | GOOG-DOJ-AT-02096186 | GOOG-DOJ-AT-02096187 | Alphabet, Inc. document | Highly Confidential |
| PTX1809 | 2/13/2023 | | | Digiday.com article titled "'Fundamentally, the SSP business is not very attractive': The fall out of ad tech's latest round of closures," by Ronan Shields | |
| PTX1810 | 9/8/2023 | | | 2023.09.08 Verified Google's Response to ROGs 11-12, 14 15, 17 & Supplemental Response to ROG 14 (CONFIDENTIAL) | Confidential |
| PTX1811 | 11/8/2023 | | | 2023.11.08 Google's Corrected Response to Interrogatory 11 | Confidential |
| PTX1812 | 2/15/2017 0:00 | FBDOJGOOG_01166683 | FBDOJGOOG_01166696 | Facebook document | Confidential |
| PTX1813 | 4/4/2017 0:00 | FBDOJGOOG_01363434 | FBDOJGOOG_01363434 | Facebook document | Confidential |
| PTX1814 | 1/29/2009 17:36 | GOOG-AT-MDL-B-004389742 | GOOG-AT-MDL-B-004389788 | Email from Brad Bender to display-gcn-eng-leads@google.com et al., with attachments | Confidential |
| PTX1815 | 6/8/2016 6:06 | AMZNDOJ0190670 | AMZNDOJ0190671 | Email from Matthew Battles to Miranda Chen et al. | Confidential |
| PTX1816 | 6/20/2016 1:21 | AMZNDOJ0106813 | AMZNDOJ0106817 | Email from Miranda Chen to Tim Craycroft et al., with attachment | Confidential |
| PTX1817 | 1/7/2018 15:01 | AMZNDOJ0161089 | AMZNDOJ0161090 | Email from Tim Craycroft to Paul Kotas et al. | Confidential |
| PTX1818 | 8/18/2020 17:54 | GOOG-AT-MDL-B-004008622 | GOOG-AT-MDL-B-004008624 | Message from Chris LaSala to Nash Islam | Highly Confidential |
| PTX1819 | 2/9/2023 15:30 | GOOG-AT-MDL-007385867 | GOOG-AT-MDL-007385868 | Message from Google Employee to Aparna Pappu | Confidential |
| PTX1820 | 10/19/2017 16:03 | COM-00003942 | COM-00003943 | Email from Sharmilan Rayer to @NBC UNI Audience Studio et al. | Confidential |
| PTX1821 | 4/24/2019 | | | 2019.04.24 X posts written by Stephanie Laysen and James Avery | |
| PTX1822 | 1/15/2018 | | | Mediavine.com article titled "What is Header Bidding?" Eric Hochberger | |
| PTX1823 | 9/11/2019 | | | Mediavine.com article titled "Google First Price Auction: What it Means For Publishers," Eric Hochberger | |
| PTX1824 | 7/25/2018 | | | Mediavine.com article titled "Google Ad Manager: New Name, Same Great Mediavine Partnership," by Steve Marsi | |
| PTX1825 | 1/22/2013 3:04 | GOOG-DOJ-14849643 | GOOG-DOJ-14849644 | Email from Scott Spencer to Jerome Grateau et al. | Highly Confidential |
| PTX1826 | 5/31/2013 2:27 | GOOG-AT-MDL-014515755 | GOOG-AT-MDL-014515757 | Email from Woojin Kim to Scott Spencer et al. | Confidential |
| PTX1827 | 12/2/2013 23:24 | GOOG-AT-MDL-014082831 | GOOG-AT-MDL-014082832 | Email from Scott Spencer to Daniel Alegre et al. | Confidential |
| PTX1828 | 2/14/2014 20:16 | GOOG-DOJ-15616116 | GOOG-DOJ-15616117 | Email from Eyal Manor to Scott Spencer et al. | Highly Confidential |
| PTX1829 | 3/4/2014 20:29 | GOOG-DOJ-14257049 | GOOG-DOJ-14257050 | Message from Scott Spencer to Eyal Manor | Highly Confidential |
| PTX1830 | 5/9/2015 1:06 | GOOG-DOJ-14271826 | GOOG-DOJ-14271830 | Email from Scott Spencer to Charlie Vestner et al. | Highly Confidential |
| PTX1831 | 5/9/2017 | FBDOJ012357635 | FBDOJ012357646 | Facebook document | Confidential |
| PTX1832 | Undated | CRI-00000278 | CRI-00000285 | Criteo presentation | Confidential |
| PTX1833 | 11/16/2021 | | | Index Exchange press release titled "Index Exchange builds 'Exchange of the Future,' Scaling its Omnichannel Capabilities for New Channels and Creative Formats" | |
| PTX1834 | 9/22/2023 10:36 | | | Index Exchange webpage titled "Ad Channels and Formats - Index Exchange" | |
| PTX1835 | Undated | TWDC_GOOG_00055169 | TWDC_GOOG_00055181 | The Walt Disney Company document | Highly Confidential |
| PTX1836 | | INTENTIONALLY OMITTED PTX | | | |
| PTX1837 | 10/11/2023 | | | 2023.10.11 30(b)(6) Notice to Google | |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|----------------------|------------|---|-----------|--|-----------------------------------|
| PTX1838 | 11/8/2023 | | | 2023.11.08 Google Response to Plaintiffs' October 11 Letter re Ingestion Site Issues - HIGHLY CONFIDENTIAL | Highly Confidential |
| PTX1839 | 11/8/2023 | | | 2023.11.08 Letter from E. Mahr to J. Wood re Written Response to 30(b)(6) Topics 25-26 | Highly Confidential |
| PTX1840 | 11/10/2023 | | | 2023.11.10 Google Response to Plaintiffs' October 11 Letter re Ingestion Site Issues - HIGHLY CONFIDENTIAL | Highly Confidential |
| PTX1841 | 5/5/2023 | | | 2023.05.05 Letter from F. Rubinstein to K Herrmann regarding Additional Documents | |
| PTX1842 | 6/2/2023 | | | 2023.06.02 Transmittal Letter re Google PROD262 | |
| PTX1843 | 7/23/2021 | | | 2021.07.23 Letter to Google re Miscellaneous Items | Confidential |
| PTX1844 | 6/1/2021 | | | 2021.06.01 Letter to Google re Handwritten Notes, Mobile Devices, and Chats | Confidential |
| PTX1845 | 11/15/2023 | | | 2023.11.15 Letter from E. Mahr to J. Wood re Supplemental Written Response to 30(b)(6) Topics 25-26 | Highly Confidential |
| PTX1846 | 12/23/2020 | | | 2020.12.23 Letter to Google re Preservation and Production of ESI | |
| PTX1847 | 7/11/2023 | | | 2023.07.11 J. Elmer Letter re Substantial Completion | |
| PTX1848 | 3/31/2023 | | | 2023.03.31 Google Search Production Cover Letter | Confidential |
| PTX1849 | 6/12/2023 | | | 2023.06.12 Google Search Production Transmittal Letter | |
| PTX1850 | | GOOGEDVA-SC-00001; GOOGEDVA-SC-00002; GOOGEDVA-SC-00007; GOOGEDVA-SC-00008; GOOGEDVA-SC-00009; GOOGEDVA-SC-00010; GOOGEDVA-SC-00012; GOOGEDVA-SC-00013; GOOGEDVA-SC-00015; GOOGEDVA-SC-00016; GOOGEDVA-SC-00017; GOOGEDVA-SC-00018; GOOGEDVA-SC-00019; GOOGEDVA-SC-00020; GOOGEDVA-SC-00023; GOOGEDVA-SC-00024; GOOGEDVA-SC-00025; GOOGEDVA-SC-00028; GOOGEDVA-SC-00029; GOOGEDVA-SC-00031; GOOGEDVA-SC-00032; GOOGEDVA-SC-00033; GOOGEDVA-SC-00034; GOOGEDVA-SC-00035; GOOGEDVA-SC-00036; GOOGEDVA-SC-00037; GOOGEDVA-SC-00039; GOOGEDVA-SC-00042; GOOGEDVA-SC-00043; GOOGEDVA-SC-00045; GOOGEDVA-SC-00047; GOOGEDVA-SC-00048; GOOGEDVA-SC-00055; GOOGEDVA-SC-00062; GOOGEDVA-SC-00069; GOOGEDVA-SC-00074; GOOGEDVA-SC-00075; GOOGEDVA-SC-00076; GOOGEDVA-SC-00078 | N/A | Google Source Code | Highly Confidential - Source Code |

Plaintiffs' Trial Exhibit List

| Trial Exhibit Number | Date | Beg Bates | End Bates | Description | Confidentiality |
|-----------------------------|-------------|------------------|------------------|--|------------------------|
| PTX1851 | 9/21/2015 | | | Paparo, Ari, "The ad tech industry is waging a secret war on Google," BusinessInsider.com (Sep 21, 2015), available at https://www.businessinsider.com/how-ad-tech-companies-are-using-header-bidding-to-tackle-googles-dominance-2015-9 | |
| PTX1852 | 6/18/2015 | | | Sluis, Sarah, "The Rise Of 'Header Bidding' And The End Of The Publisher Waterfall," AdExchanger.com (June 18, 2015), available at https://www.adexchanger.com/publishers/the-rise-of-header-bidding-and-the-end-of-the-publisher-waterfall/ | |